

CENTERS FOR DISEASE CONTROL

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- 1 Summaries of Notifiable Diseases in the United States, 1987
- 13 Graphs and Maps for Selected Notifiable Diseases in the United States
- 51 Historic Summary Tables Covering the Period 1938-1987

Summary of Notifiable Diseases United States

1987

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Foreword

MMWR Summary of Notifiable Diseases, United States, 1987

This volume contains summary tables of the official statistics for calendar year 1987 from the *Morbidity and Mortality Weekly Report (MMWR)* reporting system on the occurrence of notifiable diseases in the United States.

Part 1 contains information on morbidity for each of the 49 currently notifiable conditions. The tables show the number of cases of notifiable diseases reported to the Centers for Disease Control (CDC) for 1987, as well as the distribution of cases by month, geographic location, and patient's age.

Part 2 contains graphs and maps depicting summary data for many of the notifiable conditions described in tabular form in Part 1.

Part 3 includes tables showing the number of cases of notifiable diseases reported to CDC and to the National Office of Vital Statistics for the past 50 years. It also has a table of deaths associated with specified notifiable diseases reported to the National Center for Health Statistics, CDC, for the period 1976-1985.

As Number 54 of each volume of the *MMWR*, the *Summary of Notifiable Diseases, United States, 19-*, will close out the *MMWR* series for the stated calendar year.

Data Sources

Data on the reported occurrence of notifiable diseases are routinely published in the *MMWR* and compiled in final form in this summary from annual reports submitted by the state and territorial departments of health.

Notifiable disease reports published in the *MMWR* are the authoritative and archival counts of cases. Data from surveillance records for selected diseases, which are useful for detailed epidemiologic analyses, are published periodically.

The Epidemiology Program Office gratefully acknowledges the CDC units listed below for providing the information for the surveillance-program database. Requests for further information regarding these data should be directed to the appropriate source.

Center for Infectious Diseases

AIDS Program (acquired immunodeficiency syndrome)

Division of Bacterial Diseases (toxic-shock syndrome)

Division of Vector-Borne Viral Diseases (arboviral infections of the central nervous system)

Division of Viral Diseases (animal rabies)

Center for Prevention Services

Division of Quarantine (cholera and plague)

Division of Tuberculosis Control (tuberculosis)

Division of Sexually Transmitted Diseases (gonorrhea, syphilis, chancroid, granuloma inguinale, and lymphogranuloma venereum)

Totals for the United States, unless otherwise stated, do not include data for American Samoa, Guam, Puerto Rico, the Virgin Islands, and the Commonwealth of the Northern Mariana Islands (CNMI).

Data from California are provisional. The California Department of Health Services should be contacted for final data.

Data in this summary should be interpreted with caution. Some diseases such as plague and rabies that cause severe clinical illness and are associated with serious consequences probably are reported quite accurately. However, diseases such as salmonellosis and mumps that are clinically mild and infrequently associated with serious consequences are less likely to be reported. Additionally, subclinical cases are seldom detected except in the course of special studies. The degree of completeness of reporting is also influenced by the diagnostic facilities available, the control measures in effect, and the interests and priorities of state and local officials responsible for disease control and surveillance. Finally, factors such as the introduction of new diagnostic tests (e.g., for hepatitis B) and the discovery of new disease entities (e.g., infant botulism and legionellosis) may cause changes in disease reporting independent of the true incidence of disease. Despite these limitations, the data in this report have proven to be useful in analyzing trends.

Mortality data are from the National Center for Health Statistics, CDC. Each year these data are also published in *Vital Statistics of the United States, Vol. II*.

Data on notifiable diseases before 1960 are obtained from publications of the National Office of Vital Statistics.

Data for the 1987 resident population of states and territories are from the U.S. Bureau of the Census, *Current Population Reports*, Series P-25, No. 1024, *State Population and Household Estimates with Age, Sex, and Components of Change, 1981-1987*, and Series P-25, No. 1030, *Population Estimates for Puerto Rico and the Outlying Areas: 1980 to 1987*. Estimates for the resident population, by age, sex, and race, are from Series P-25, No. 1022, *United States Population Estimates, by Age, Sex, and Race: 1980 to 1987*.

Population data from states in which diseases were not notifiable or not available were excluded from rate calculation. Rates in the *1987 Summary of Notifiable Diseases* were calculated using data for the resident population except for chancroid, gonorrhea, granuloma inguinale, lymphogranuloma venereum, and syphilis, for which only data for the civilian resident population were used.

EXPLANATION OF SYMBOLS USED IN TABLES

Data not available	NA
No reported cases	-
Report of disease not required by state health department (not notifiable)	NN

PART 1:

**Summaries of
Notifiable Diseases
in the
United States**

NOTIFIABLE DISEASES - Summary of reported cases, by month

Disease	Total	Jan.	Feb.	Mar.	Apr.
Acquired immunodeficiency syndrome (AIDS)*	21,070	1,376	1,426	1,768	1,768
Amebiasis	3,123	167	192	206	—
Anthrax	1	—	—	—	—
Aseptic meningitis	11,487	393	328	366	—
Botulism, total [†]	82	7	5	7	7
Food-borne	17	—	—	—	1
Infant	59	6	5	5	5
Brucellosis	129	9	7	12	—
Cholera	6	—	—	—	—
Diphtheria	3	—	—	—	1
Encephalitis, primary infections	1,418	71	67	87	—
Encephalitis, post-infectious	121	2	7	6	—
Gonorrhoea [‡]	780,905	64,563	64,952	71,235	62,235
Hepatitis A	25,280	1,751	1,995	2,145	2,145
Hepatitis B	25,916	1,645	2,049	2,214	2,214
Hepatitis, non-A non-B	2,999	227	224	279	—
Hepatitis, unspecified	3,102	251	287	250	—
Legionellosis	1,038	77	50	71	—
Leprosy	238	15	25	15	—
Leptospirosis	43	1	2	4	—
Malaria	944	51	54	62	—
Measles (rubeola)	3,655	105	249	555	—
Meningococcal infections, total	2,930	300	293	363	—
Civilian	2,930	300	293	363	—
Military	—	—	—	—	—
Mumps	12,648	1,044	1,594	1,681	1,681
Pertussis	2,823	139	146	167	167
Plague	12	—	1	1	—
Poliomyelitis, paralytic	—	—	—	—	—
Pitักษոս	98	7	3	8	—
Rabies, human	1	—	—	—	—
Rheumatic fever	141	11	8	8	—
Rubella (German measles)	306	20	13	36	—
Rubella congenital syndrome	5	—	—	2	—
Salmonellosis (excl. typhoid fever)	50,916	2,460	2,976	2,812	2,812
Shigellosis	23,860	979	1,110	1,141	1,141
Syphilis, primary & secondary [§]	35,147	2,502	2,582	2,675	2,675
Tetanus	48	2	3	4	—
Toxic-shock syndrome	372	23	30	30	—
Trichinosis	40	3	9	9	—
Tuberculosis	22,517	1,210	1,467	1,802	1,802
Tularemia	214	7	4	5	—
Typhoid fever	400	23	20	28	—
Typhus fever	—	—	—	—	—
Flea-borne (endemic, murine)	49	2	6	3	—
Tick-borne (Rocky Mountain spotted)	604	1	5	3	—
Varicella (chickenpox)	213,196	16,190	22,573	30,677	30,677

*AIDS total updated through July 18, 1988.

[†]Includes wound and unspecified botulism.

[‡]Civilian cases only.

Month, United States, 1987

Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Unk.
1,703	837	1,965	1,761	1,836	1,057	2,067	2,347	2,925	—
255	282	288	313	293	313	273	230	294	17
—	—	—	—	—	1	—	—	—	—
424	503	854	1,848	2,390	1,795	1,248	712	613	13
4	2	13	6	10	3	8	2	15	—
—	—	—	1	5	1	—	—	9	—
4	2	13	5	5	2	6	1	5	—
13	15	14	16	13	8	9	5	8	—
—	—	1	1	3	—	—	1	—	—
—	—	—	—	—	—	2	—	—	—
88	82	102	158	228	175	146	112	99	3
11	17	20	14	11	7	6	5	15	—
62,139	63,527	69,822	65,691	64,124	70,820	63,996	56,047	64,189	—
2,299	2,052	1,929	2,190	1,899	2,081	2,212	1,964	2,807	57
2,360	2,177	2,151	2,435	2,066	1,905	2,124	1,882	2,712	197
312	264	271	292	218	192	238	189	268	5
277	250	247	260	235	285	258	208	294	—
89	81	82	95	100	81	105	74	132	1
27	17	16	16	17	18	26	8	38	—
1	1	—	8	—	6	13	2	5	—
70	77	62	114	114	91	72	51	125	1
496	868	565	255	162	137	110	58	95	—
284	250	213	192	151	152	191	222	314	5
284	250	213	192	151	152	191	222	314	5
—	—	—	—	—	—	—	—	—	—
1,855	2,106	1,045	520	314	373	658	527	1,149	—
125	145	186	270	426	290	267	186	470	4
1	2	1	—	1	4	—	1	—	—
—	—	—	—	—	—	—	—	—	—
7	14	7	14	4	5	9	2	18	—
—	—	—	—	—	—	—	—	1	—
19	26	11	13	9	4	11	6	15	—
37	51	27	53	14	23	11	8	13	—
—	—	—	1	1	—	—	—	—	—
2,942	3,446	4,346	5,875	6,189	5,965	5,297	3,481	4,613	714
1,529	1,226	2,904	2,249	2,856	2,693	2,534	2,090	2,411	138
2,849	2,717	2,809	3,246	2,990	3,170	3,489	2,860	3,058	—
2	4	2	6	5	7	5	2	6	—
43	28	28	28	45	29	28	21	39	—
3	2	1	2	5	2	2	—	2	—
1,837	1,722	2,013	1,864	1,931	1,808	1,807	1,855	3,201	—
16	17	25	41	24	21	23	17	14	—
30	30	23	38	46	48	23	31	60	—
1	10	7	4	3	7	—	2	4	—
13	64	111	134	117	67	39	19	31	—
38,517	38,003	26,695	8,849	2,846	1,855	2,465	5,528	14,689	1,509

SUMMARY TABLES - 1987

SUMMARY TABLES - 1987

NOTIFIABLE DISEASES - Reported cases, by geographic division and area, United States, 1987

Area	Total Resident Population (In Thousands)	AIDS	Amesbrosis	Anthrax	Aseptic Meningitis	Botulism		
						Food-borne	Infant	Other
United States	243,400	21,970*	3,123	1	11,487	17	59	6
New England	12,844	845	100	—	579	—	3	—
Maine	1,187	28	2	—	33	—	—	—
N.H.	1,057	33	14	—	56	—	—	—
Vt.	548	15	6	—	73	—	—	—
Mass.	5,855	456	32	—	172	—	1	—
R.I.	986	69	1	—	121	—	—	—
Conn.	3,211	244	45	—	124	—	2	—
Mid. Atlantic	37,433	8,111	407	—	1,776	2	11	—
N.Y. (excl. NYC)	17,825 ¹	785	82	—	679	—	1	—
N.Y.C.	NA	3,182	206	—	187	2	1	—
N.J.	7,672	1,514	97	—	429	—	1	—
Pa.	11,936	650	42	—	481	—	6	—
E.N. Central	41,804	1,287	340	—	2,710	5	1	—
Ohio	10,784	323	45	—	780	1	—	—
Ind.	5,531	132	22	—	263	3	—	—
Ill.	11,582	634	57	—	520	—	1	—
Mich.	9,200	211	31	—	925	—	—	—
Wis.	4,807	97	85	—	222	1	—	—
W.N. Central	17,634	467	153	—	513	—	—	—
Minn.	4,246	130	37	—	88	—	—	—
Iowa	2,834	27	37	—	76	—	—	—
Mo.	5,103	236	27	—	162	—	—	—
N. Dak.	672	1	1	—	12	—	—	—
S. Dak.	709	2	1	—	43	—	—	—
Nebr.	1,594	24	1	—	39	—	—	—
Kans.	2,476	47	49	—	93	—	—	—
S. Atlantic	41,884	3,847	224	1	2,626	3	1	—
Del.	644	38	1	—	55	—	1	—
Md.	4,535	462	2	—	369	—	—	—
D.C.	622	467	3	—	25	—	—	—
Va.	5,904	243	50	—	281	—	—	—
W. Va.	1,897	20	1	—	76	—	—	—
N.C.	6,413	205	14	1	282	—	—	—
S.C.	3,425	79	NN	—	48	—	—	—
Ga.	6,222	506	91	—	208	—	—	—
Fla.	12,023	1,627	62	—	665	3	—	—
E.S. Central	15,290	323	42	—	712	1	2	1
Ky.	3,727	47	20	—	246	1	1	—
Tenn.	4,855	73	NN	—	136	—	1	—
Ala.	4,083	153	21	—	252	—	—	—
Miss.	2,625	50	1	—	75	—	—	—
W.S. Central	26,910	2,171	303	—	1,044	—	4	—
Ark.	2,388	48	4	—	28	—	—	—
La.	4,461	335	1	—	100	—	—	—
Okla.	3,272	107	8	—	158	—	—	—
Tex.	16,789	1,681	290	—	758	—	4	—
Mountain	13,167	643	117	—	425	—	8	1
Mont.	809	7	3	—	17	—	—	—
Idaho	998	10	9	—	4	—	3	—
Wyo.	490	3	1	—	2	—	—	—
Colo.	3,296	227	41	—	166	—	—	—
N. Mex.	1,500	48	13	—	27	—	—	—
Ariz.	3,386	219	41	—	151	—	—	1
Utah	1,880	36	6	—	29	—	5	—
Nev.	1,007	90	3	—	29	—	—	—
Pacific	36,533	5,466	1,537	—	1,700	8	29	4
Wash.	4,538	340	60	—	30	1	1	—
Oreg.	2,724	160	61	—	—	1	2	2
Calif.	27,663	4,872	1,411	—	1,492	4	22	1
Alaska	525	12	5	—	74	—	1	—
Hawaii	1,083	62	—	—	104	—	3	—
Guam	130	3	2	—	—	—	—	—
P.R.	3,292	203	27	—	38	—	—	—
V.I.	106	—	—	—	—	—	—	—
American Samoa	38	—	—	—	2	—	—	—
C.N.M.I.	20	—	28	—	—	—	—	—

*Updated through July 18, 1988.

¹Includes wound and unspecified botulism.

²Population estimate includes New York City.

NOTIFIABLE DISEASES—Reported cases, by geographic division and area, United States, 1987 (continued)

Area	Brucellosis	Chancroid	Cholera	Diphtheria	Encephalitis			Granuloma inguinale
					Primary Infections	Post- Infections	Gonorrhea	
United States	129	4,996*	6	3	1,418	121	780,905	22*
New England	2	136	—	—	46	1	22,456	1
Maine	—	—	—	—	4	—	656	—
N.H.	—	—	—	—	2	—	405	—
Vt.	—	—	—	—	6	—	179	—
Mass.	1	132	—	—	17	1	8,444	—
R.I.	—	4	—	—	4	—	2,212	1
Conn.	1	—	—	—	13	—	10,560	—
Mid. Atlantic	1	3,122	—	—	139	13	134,775	1
N.Y. (excl.N.Y.C.)	1	5	—	—	62	4	16,958	1
N.Y.C.	—	3,116	—	—	8	5	71,098	—
N.J.	—	1	—	—	11	—	16,531	—
Pa.	—	—	—	—	50	4	30,188	—
E.N. Central	5	44	—	—	481	18	108,347	1
Ohio	1	1	—	—	165	6	20,908	—
Ind.	—	2	—	—	61	—	6,949	—
Ill.	—	3	—	—	130	10	33,298	1
Mich.	1	38	—	—	81	—	37,284	—
Wis.	3	—	—	—	44	—	9,908	—
W.N. Central	18	4	—	—	110	2	31,307	—
Minn.	1	—	—	—	56	—	4,338	—
Iowa	3	—	—	—	16	—	3,029	—
Mo.	14	—	—	—	11	—	16,517	—
N. Dak.	—	—	—	—	3	—	267	—
S. Dak.	—	—	—	—	—	2	619	—
Nebr.	—	—	—	—	10	—	1,791	—
Kans.	—	4	—	—	12	—	4,746	—
S. Atlantic	16	1,053	—	—	173	46	206,282	19
Del.	—	2	—	—	9	1	3,372	—
Md.	—	—	—	—	21	11	21,374	—
D.C.	—	3	—	—	—	—	14,077	—
Va.	—	4	—	—	41	2	14,353	—
W. Va.	1	1	—	—	56	—	1,540	—
N.C.	1	9	—	—	28	—	29,888	—
S.C.	1	—	—	—	1	—	15,465	—
Ga.	4	241	—	—	1	—	31,936	13
Fla.	9	793	—	—	16	32	88,277	6
E.S. Central	4	2	—	—	65	8	80,696	—
Ky.	2	2	—	—	31	1	5,679	—
Tenn.	1	—	—	—	16	—	23,740	—
Ala.	—	—	—	—	18	1	17,779	—
Miss.	1	—	—	—	—	6	13,497	—
W.S. Central	62	489	5	—	179	5	81,700	—
Ark.	4	2	—	—	4	2	8,837	—
La.	1	92	5	—	32	—	12,008	—
Okl.	6	—	—	—	28	—	9,164	—
Tex.	51	395	—	—	115	3	51,691	—
Mountain	2	8	—	—	72	6	20,083	—
Mont.	—	—	—	—	1	—	593	—
Idaho	1	—	—	—	—	—	656	—
Wyo.	—	—	—	—	1	—	423	—
Colo.	—	1	—	—	44	—	4,529	—
N. Mex.	1	—	—	—	5	—	2,103	—
Ariz.	—	7	—	—	17	1	6,787	—
Utah	—	—	—	—	—	5	671	—
Nev.	—	—	—	—	4	—	4,321	—
Pacific	19	140	1	3	153	24	121,280	—
Wash.	—	2	—	1	12	5	9,126	—
Oreg.	—	—	1	—	—	—	4,040	—
Calif.	18	138	—	1	136	16	105,491	—
Alaska	1	—	—	—	3	—	1,722	—
Hawaii	—	—	—	1	2	3	881	—
Guam	—	—	1	—	—	—	219	—
P.R.	1	42	—	—	2	1	1,837	3
V.I.	—	7	—	—	—	—	347	—
American Samoa	—	NA	—	—	—	—	NA	—
C.N.M.I.	—	NA	—	—	—	—	NA	—

*Civilian cases only.

SUMMARY TABLES - 1987

NOTIFIABLE DISEASES - Reported cases, by geographic division and area, United States, 1987 (continued)

Area	Hepatitis A	Hepatitis B	Hepatitis unsp.	Hepatitis non-A non-B	Legionellosis	Leprosy	Lapto-spirosis	Lymphogranuloma venereum	Malaria
United States	25,280	25,916	3,102	2,999	1,038	238	43	303*	944
New England	703	1,844	198	141	34	18	1	7	55
Maine	23	112	5	6	3	—	—	—	2
N.H.	35	101	—	18	1	2	—	—	3
Vt.	14	65	—	17	7	—	—	—	—
Mass.	342	928	92	61	20	14	—	7	22
R.I.	97	85	4	13	3	—	—	—	8
Conn.	192	353	8	26	NN	2	1	—	20
Mid. Atlantic	1,555	3,274	358	253	185	22	—	42	127
N.Y. (excl.N.Y.C.)	808	799	35	86	59	—	—	2	35
N.Y.C.	221	1,178	258	16	27	19	—	36	27
N.J.	286	565	50	67	35	2	—	2	40
Pa.	240	732	15	84	64	1	—	2	25
E.N. Central	1,817	2,733	198	331	348	15	3	2	80
Ohio	243	581	22	68	114	3	1	—	14
Ind.	241	338	51	36	59	—	—	—	7
Ill.	536	667	63	104	30	8	1	1	34
Mich.	584	881	60	82	77	3	1	1	18
Wis.	213	266	—	41	68	1	—	—	7
W.N. Central	1,377	903	49	134	69	—	5	2	32
Minn.	152	139	2	26	8	—	1	—	9
Iowa	108	113	7	30	12	—	—	—	6
Mo.	580	480	21	46	22	—	3	—	8
N. Dak.	28	17	2	5	—	—	—	—	2
S. Dak.	15	11	—	7	15	—	—	—	—
Nebr.	112	64	—	1	4	—	—	2	5
Kans.	402	99	17	19	8	—	1	2	2
S. Atlantic	1,752	5,205	405	412	150	5	4	204	162
Del.	79	109	11	13	4	—	—	—	3
Md.	253	849	39	58	29	2	3	—	43
D.C.	41	63	—	2	3	—	—	—	21
Va.	244	448	196	51	12	—	—	1	27
W. Va.	20	78	7	9	2	—	—	1	2
N.C.	172	669	32	68	29	—	1	3	13
S.C.	52	548	6	21	14	1	—	1	6
Ga.	162	878	14	35	30	—	—	23	8
Fla.	729	1,563	100	155	27	2	—	175	39
E.S. Central	334	1,435	27	142	65	—	1	2	17
Ky.	167	253	8	33	22	—	1	2	3
Tenn.	47	603	—	32	21	—	—	—	1
Ala.	80	412	9	56	7	—	—	—	5
Miss.	40	167	10	21	5	—	—	—	8
W.S. Central	2,576	2,403	685	269	86	31	8	21	66
Ark.	247	115	10	20	8	—	—	2	1
La.	111	551	16	36	9	4	7	19	4
Okla.	332	250	38	52	31	—	—	—	5
Tex.	1,886	1,487	601	161	38	27	1	—	56
Mountain	3,744	1,978	246	395	42	2	—	9	41
Mont.	86	59	5	11	1	—	—	—	—
Idaho	349	140	2	7	3	1	—	—	3
Wyo.	18	19	2	4	2	—	—	—	2
Colo.	432	263	116	63	9	—	—	—	12
N. Mex.	422	265	12	37	4	—	—	—	2
Ariz.	2,044	857	83	134	15	—	—	7	18
Utah	250	113	19	30	7	—	—	2	—
Nebr.	143	262	7	19	1	1	—	—	3
Pacific	11,422	6,341	1,047	1,012	89	145	21	14	364
Wash.	2,587	1,126	120	208	23	6	—	5	28
Oreg.	1,328	660	17	104	—	1	—	—	6
Calif.	7,230	4,372	897	687	43	113	1	9	325
Alaska	240	115	10	11	1	—	—	—	2
Hawaii	37	68	3	2	2	25	20	—	3
Guam	6	8	10	1	—	4	—	—	—
P.R.	60	279	125	23	1	5	1	13	2
V.I.	7	14	1	—	—	—	—	—	—
American Samoa	16	3	—	—	—	13	—	—	—
C.N.M.I.	2	2	11	—	—	3	—	—	—

*Civilian cases only.

SUMMARY TABLES—1987

NOTIFIABLE DISEASES—Reported cases, by geographic division and area, United States, 1987 (continued)

Area	Measles		Meningo-coccal Infections		Mumps	Pertussis	Plague	Poliomyelitis	
	Indigenous	Imported						Paralytic	Paritacoccal
United States	3,240	415*	2,930		12,848	2,823	12	— [†]	88
New England	120	162	227		57	304	—	—	3
Maine	3	—	14		1	33	—	—	1
N.H.	61	102	23		12	78	—	—	—
Vt.	11	15	19		7	4	—	—	—
Mass.	27	39	117		21	153	—	—	—
R.I.	2	—	—		—	5	—	—	1
Conn.	16	6	54		16	31	—	—	1
Mid. Atlantic	549	53	393		342	327	—	—	6
N.Y. (excl.NYC)	29	14	139		141	184	—	—	4
N.Y.C.	450	19	57		39	13	—	—	2
N.J.	32	7	73		76	25	—	—	—
Pa.	38	13	124		86	105	—	—	—
E.N. Central	372	24	460		8,719	343	—	—	12
Ohio	1	4	147		144	127	—	—	2
Ind.	—	—	46		999	38	—	—	2
Ill.	196	16	128		2,737	21	—	—	2
Mich.	31	1	111		1,105	53	—	—	5
Wis.	144	3	28		1,734	104	—	—	1
W.N. Central	210	22	113		1,400	166	—	—	8
Minn.	19	20	33		810	17	—	—	1
Iowa	—	—	5		467	58	—	—	5
Mo.	189	1	35		38	46	—	—	2
N. Dak.	2	—	1		6	17	—	—	—
S. Dak.	—	—	4		89	4	—	—	—
Nebr.	—	—	7		6	1	—	—	—
Kans.	—	1	28		74	17	—	—	—
S. Atlantic	175	13	484		375	360	—	—	8
Del.	32	—	6		—	4	—	—	—
Md.	8	2	55		47	26	—	—	3
D.C.	—	1	12		1	—	—	—	—
Va.	1	—	72		88	58	—	—	1
W. Va.	—	—	4		43	38	—	—	—
N.C.	2	4	56		31	123	—	—	—
S.C.	2	—	44		21	8	—	—	1
Ga.	9	1	94		77	50	—	—	2
Fla.	121	5	141		67	53	—	—	2
E.S. Central	5	3	170		1,540	56	—	—	2
Ky.	—	—	29		273	2	—	—	1
Tenn.	—	—	84		1,203	23	—	—	1
Ala.	1	3	45		64	25	—	—	—
Miss.	4	—	—		12	NN	6	—	—
W.S. Central	452	4	212		1,572	354	—	—	2
Ark.	—	—	23		298	15	—	—	—
La.	—	—	28		839	56	—	—	—
Okla.	3	1	35		97	172	—	—	—
Tex.	449	3	126		338	111	—	—	2
Mountain	477	19	92		263	259	11	—	18
Mont.	127	1	4		9	8	1	—	2
Idaho	—	—	6		7	91	1	—	—
Wyo.	—	2	—		—	5	—	—	—
Colo.	5	4	34		34	86	2	—	11
N. Mex.	308	9	7		NN	13	5	—	—
Ariz.	35	1	27		196	41	2	—	2
Utah	—	1	10		12	15	—	—	1
Nev.	2	1	4		5	—	—	—	—
Pacific	880	115	779		496	660	1	—	46
Wash.	34	13	88		70	110	—	—	12
Oreg.	51	81	37		NN	84	1	—	17
Calif.	793	17	633		397	217	—	—	9
Alaska	—	1	10		11	4	—	—	2
Hawaii	2	3	11		12	245	—	—	—
Guam	2	—	5		6	—	—	—	—
P.R.	781	—	6		19	20	—	—	—
V.I.	—	—	5		22	—	—	—	—
American Samoa	1	—	1		14	—	—	—	—
C.N.M.I.	—	—	—		1	—	—	—	—

*For measles only, imported includes both out-of-state and international importations.

[†]Subject to change due to retrospective case evaluations or late reports.

SUMMARY TABLES—1987

NOTIFIABLE DISEASES—Reported cases, by geographic division and area, United States, 1987 (continued)

Area	Rabies		Rubella				Syphilis				
	Animal	Human	Rheumatic Fever acute		Rubella	Cong. syndrome	Salmonellosis	Shigellosis	Primary & Secondary	Cong. (<1 yr.)	All Stages
			Rubella	Cong. syndrome							
United States	4,858	1	141	306	5	50,916	23,860	35,147*	443*	86,548*	
New England	13	—	2	3	—	4,818	730	861	2	1,708	
Maine	3	—	1	1	—	237	13	7	—	25	
N.H.	—	—	NN	—	—	218	27	5	—	27	
Vt.	—	—	—	—	—	115	10	4	—	9	
Mass.	5	—	NN	2	—	2,545	372	286	1	801	
R.I.	2	—	—	—	—	263	73	15	1	88	
Conn.	3	—	1	—	—	1,440	235	334	—	758	
Mid. Atlantic	389	—	—	12	—	9,006	3,676	6,625	147	15,932	
N.Y. (excl.N.Y.C.)	57	—	NN	10	—	2,021	982	363	—	1,041	
N.Y.C.	—	—	NN	1	—	1,813	1,771	4,645	122	10,535	
N.J.	18	—	NN	1	—	2,358	547	680	10	2,001	
Pa.	324	—	—	—	—	2,814	376	941	15	2,355	
E.N. Central	157	—	47	44	—	7,221	5,258	937	14	2,916	
Ohio	15	—	34	—	—	1,422	484	109	1	210	
Ind.	20	—	NA	—	—	640	376	49	1	200	
Ill.	46	—	4	33	—	2,749	3,316	517	9	1,725	
Mich.	28	—	9	9	—	1,430	452	205	3	623	
Wis.	46	—	NA	2	—	980	630	57	—	158	
W.N. Central	1,062	—	16	2	—	2,267	911	176	1	848	
Minn.	255	—	1	—	—	590	164	20	—	90	
Iowa	272	—	—	1	—	186	112	27	—	92	
Mo.	58	—	NN	—	—	680	471	91	—	330	
N. Dak.	129	—	3	—	—	93	25	1	—	3	
S. Dak.	228	—	1	—	—	112	77	7	—	11	
Nebr.	17	—	NN	—	—	153	26	3	—	17	
Kans.	42	—	11	1	—	413	36	27	1	103	
S. Atlantic	1,332	—	8	28	—	11,070	2,554	11,726	143	25,871	
Del.	9	—	NN	2	—	252	28	71	1	134	
Md.	450	—	NN	4	—	1,810	632	492	1	1,198	
D.C.	45	—	—	1	—	256	230	457	2	1,247	
Va.	362	—	NN	1	—	1,830	247	318	3	1,047	
W. Va.	70	—	8	—	—	223	35	14	—	220	
N.C.	8	—	NN	1	—	1,101	87	752	2	1,845	
S.C.	59	—	NN	—	—	1,026	147	735	17	1,531	
Ga.	209	—	NN	7	—	1,812	330	1,434	7	3,166	
Fla.	111	—	NN	10	—	2,960	818	7,463	110	15,683	
E.S. Central	324	—	2	2	—	2,381	982	1,831	15	4,124	
Ky.	137	—	2	2	—	461	33	35	—	167	
Tenn.	97	—	NN	—	—	587	295	695	4	1,449	
Ala.	81	—	NN	—	—	798	128	485	8	1,177	
Miss.	9	—	NN	—	—	515	506	616	3	1,331	
W.S. Central	603	—	3	13	—	4,846	2,988	4,288	46	11,468	
Ark.	123	—	3	2	—	550	114	230	—	485	
La.	13	—	—	—	—	1,036	611	781	—	2,064	
Okla.	35	—	NN	6	—	456	156	186	1	542	
Tex.	432	—	NN	5	—	2,803	2,087	3,071	45	8,377	
Mountain	411	—	28	26	2	1,871	2,021	708	1	2,137	
Mont.	187	—	NN	8	—	74	42	11	—	19	
Idaho	10	—	NN	1	—	96	44	6	—	64	
Wyo.	72	—	2	1	—	36	6	4	—	5	
Colo.	33	—	6	—	—	569	284	125	—	336	
N. Mex.	3	—	8	—	—	461	306	59	—	329	
Ariz.	84	—	NN	5	—	479	1,187	300	1	968	
Utah	7	—	12	11	2	115	50	23	—	122	
Nev.	15	—	NN	—	—	143	22	180	—	295	
Pacific	417	1	35	178	3	7,417	4,780	8,225	74	21,743	
Wash.	10	—	NA	2	—	655	320	176	1	666	
Oreg.	5	—	NN	2	—	305	114	310	6	678	
Calif.	394	1	33	140	3	5,915	4,261	7,718	67	20,344	
Alaska	8	—	2	2	—	67	6	4	—	18	
Hawaii	—	—	—	32	—	475	79	17	—	37	
Guam	—	—	—	1	—	135	114	—	—	43	
P.R.	70	—	—	4	—	477	135	853	6	2,487	
V.I.	—	—	9	—	—	13	8	1	—	25	
American Samoa	—	—	6	—	—	6	14	NA	—	NA	
C.N.M.I.	—	—	2	1	—	12	14	NA	—	NA	

*Civilian cases only.

NOTIFIABLE DISEASES—Reported cases, by geographic division and area, United States, 1987 (continued)

Area	Tetanus	Toxic-shock syndrome	Trichinosis	Tuberculosis	Tularemia	Typhoid fever	Typhus fever		Varicella (Chicken-pox)
							Murine	RMSF	
United States	48	372	40	22,517	214	400	40	604	213,196
New England	1	22	2	880	1	32	—	7	16,305
Maine	—	5	—	33	—	2	—	—	2,937
N.H.	—	1	—	22	—	—	—	—	4,425
Vt.	1	3	—	17	—	1	—	—	NN
Mass.	—	7	1	396	1	18	—	3	7,632
R.I.	—	6	—	58	—	3	—	—	3,233
Conn.	—	—	1	164	—	8	—	4	78*
Mid. Atlantic	7	48	17	4,306	1	70	8	30	15,871
N.Y. (excl.N.Y.C.)	1	24	—	615	1	10	4	10	10,780
N.Y.C.	—	7	—	2,197	—	29	2	5	5,091
N.J.	4	9	11	748	—	23	—	1	NN
Pa.	2	9	6	746	—	8	—	14	NN
E.N. Central	7	68	2	2,482	8	50	1	38	93,907
Ohio	1	28	1	438	1	9	—	17	9,614
Ind.	2	3	—	299	—	5	—	3	NA
Ill.	2	13	1	1,094	3	28	—	10	39,696
Mich.	2	22	—	551	—	5	—	5	43,696
Wis.	—	—	—	100	2	3	1	3	NA
W.N. Central	4	48	1	634	83	14	—	59	28,383
Minn.	—	12	—	123	—	6	—	—	NN
Iowa	—	6	—	44	4	—	—	1	8,714
Mo.	1	12	1	339	58	7	—	26	6,944
N. Dak.	—	5	—	14	1	—	—	—	1,168
S. Dak.	—	2	—	29	9	—	—	1	574
Nebr.	—	3	—	25	3	—	—	3	673
Kans.	3	8	—	60	8	1	—	28	8,310
S. Atlantic	6	28	8	4,791	5	43	—	231	12,886
Del.	—	1	—	49	1	—	—	3	50
Md.	—	4	—	428	—	8	—	43	2,042
D.C.	—	2	—	158	—	3	—	—	44
Va.	—	1	5	458	2	10	—	22	2,754
W. Va.	—	1	—	99	—	1	—	7	7,481
N.C.	1	5	—	662	2	3	—	84	NN
S.C.	1	4	1	462	—	—	—	36	626
Ge.	—	3	—	889	—	2	—	32	NN
Fla.	4	5	—	1,586	—	16	—	4	NN
E.S. Central	6	18	—	1,940	11	4	—	103	3,072
Ky.	—	7	—	421	4	2	—	13	2,750
Tenn.	1	3	—	608	3	1	—	59	322
Ala.	3	6	—	541	1	1	—	11	NN
Miss.	—	—	—	369	3	—	—	20	NN
W.S. Central	7	41	—	2,884	79	42	34	118	27,796
Ark.	1	—	—	337	45	2	—	12	175
La.	—	—	—	350	3	—	—	—	NN
Okla.	1	20	—	250	26	4	—	84	NN
Tex.	5	21	—	1,757	5	36	34	22	27,621
Mountain	3	41	—	582	18	16	—	14	12,876
Mont.	—	1	—	21	2	—	—	11	874
Idaho	2	3	—	34	1	—	—	—	NN
Wyo.	—	1	—	3	—	—	—	1	383
Colo.	—	4	—	94	5	—	—	1	NN
N. Mex.	—	2	—	99	1	11	—	—	NN
Ariz.	—	11	—	273	3	4	—	—	9,708
Utah	—	17	—	29	2	—	—	1	302
Nev.	1	2	—	39	2	1	—	—	1,608
Pacific	9	63	12	4,388	12	129	8	4	2,991
Wash.	1	14	—	255	4	9	—	—	NN
Oreg.	1	—	1	159	5	3	—	1	NN
Calif.	6	48	6	3,718	2	109	6	3	1,507
Alaska	—	NN	5	61	1	—	—	NN	NN
Hawaii	1	1	—	195	—	8	2	NN	1,484
Guam	—	—	—	33	—	—	—	—	328
P.R.	4	—	—	321	—	1	—	—	781
V.I.	—	—	—	1	—	—	—	—	331
American Samoa	—	—	—	NA	—	1	—	—	172
C.N.M.I.	—	—	—	131	—	1	—	—	109

*Ages 18+.

NOTIFIABLE DISEASES - Summary of reported cases, by age group

Disease	Total	Under 1	1-4	5-9	10-14
AIDS	21,070	135	126	39	28
Cholera	6	—	—	—	—
Diphtheria	3	—	1	—	—
Gonorrhea	780,905*(.....,1,946.....)				7,041 18
Hepatitis A	25,280	81	841	2,019	1,356
Hepatitis B	25,916	219	134	145	198
Hepatitis non-A non-B	2,999	10	21	32	38
Hepatitis, unspecified	3,102	24	49	148	105
Measles (rubeola)	3,655	141	895	324	686
Meningococcal infections	2,930	707	781	214	111
Mumps	12,848	75	729	2,196	4,567
Pertussis (whooping cough)	2,823	1,306	725	209	144
Plague	12	—	1	1	1
Poliomyelitis, paralytic	—	—	—	—	—
Rubella (German measles)	306	33	50	47	24
Salmonellosis	50,916	7,978	7,817	2,895	1,647
Shigellosis	23,860	1,440	6,841	3,877	1,122
Syphilis, primary & secondary	35,147*(.....,24.....)				229
Tetanus	48	—	1	2	1
Tuberculosis	22,517	120	554	309	194
Typhoid fever	400	8	31	34	30
Varicella (chickenpox)	213,196	586	6,273	36,271	8,340

^aCivilian cases only.^bData reported by the state of Illinois for the three age groups over 40 years are recorded as 40+.^cnon-A, non-B (37); Hepatitis, unspecified (25); Measles (2); Meningococcal infections, civilian (21);^dIncludes 823 cases reported by the state of Texas for ages 15+.

NOTE: Cases of hepatitis reported by the state of California are included in the column for age not on page 6.

AIDS total updated through July 18, 1988.

group, United States, 1987

	15-19	20-24	25-29	30-39	40-49	50-59	60+	Age not stated
3	70	937	3,376	9,604	4,499	1,552	699	5
4	—	—	—	—	2	—	4	—
5	—	—	—	1	—	—	1	—
6	188,233	292,938	159,473	101,946	(.....)	29,328	(.....)	—
7	1,500	2,625	3,030	3,460	1,120 [†]	654 [†]	772 [†]	7,730
8	1,705	4,124	4,665	5,357	1,827 [†]	940 [†]	1,176 [†]	5,253
9	155	318	411	521	228 [†]	152 [†]	363 [†]	713
0	152	332	408	465	163 [†]	111 [†]	160 [†]	960
1	1,071	187	153	110	29 [†]	4 [†]	3 [†]	48
2	250	145	81	139	114 [†]	92 [†]	217 [†]	58
3	3,455	634	177	244	89 [†]	27 [†]	27 [†]	601
4	108	50	42	65	30	17	8	119
5	1	1	1	4	—	1	1	—
6	—	—	—	—	—	—	—	—
7	27	24	48	38	5	1	3	6
8	2,398	3,437	3,359	5,111	2,702 [†]	2,198 [†]	5,699 [†]	5,107
9	836	1,575	1,740	2,419	1,012 [†]	567 [†]	834 [†]	1,407
0	4,331	10,209	8,434	8,198	(.....)	3,722	(.....)	—
1	2	—	2	6	4	6	23	1
2	535	1,241	1,826	4,117	3,042	2,933	7,634	12
3	34	57	48	65	21 [†]	14 [†]	27 [†]	24
4	1,617	239	110	92	15	8	6	159,637 [§]

[†] Cases reported in this grouping are as follows: Hepatitis A (92); Hepatitis B (173); Hepatitis (21); Mumps (27); Salmonellosis (568); Shigellosis (190); and Typhoid fever (7).

[§] not stated; age distributions are not available. For total cases reported by California, see table

SUMMARY TABLES—1987

POPULATION

Estimates of the resident population of the United States, by age, sex, and race*, July 1, 1987

Age	Total	Total		White			Black and other races			Black		
		Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	243,400	118,531	124,869	205,820	100,589	105,231	37,580	17,942	19,639	29,736	14,103	15,633
<1	3,771	1,931	1,841	3,054	1,567	1,487	717	363	354	572	288	283
1-4	14,481	7,411	7,070	11,700	6,000	5,700	2,780	1,411	1,369	2,173	1,104	1,069
5-9	17,661	9,037	8,625	14,240	7,305	6,935	3,421	1,731	1,690	2,728	1,383	1,345
10-14	16,485	8,450	8,035	13,246	6,803	6,442	3,233	1,646	1,592	2,589	1,314	1,275
15-19	18,450	9,412	9,047	15,014	7,664	7,350	3,445	1,748	1,697	2,790	1,406	1,384
20-24	19,793	9,915	9,878	13,367	8,238	8,129	3,426	1,677	1,748	2,762	1,334	1,428
25-29	21,980	11,009	10,971	18,436	9,313	9,121	3,545	1,896	1,850	2,811	1,334	1,477
30-34	21,335	10,661	10,674	17,975	9,071	8,903	3,360	1,589	1,771	2,593	1,215	1,378
35-39	18,738	9,273	9,465	15,968	7,994	7,974	2,770	1,279	1,491	2,108	964	1,144
40-44	15,567	7,639	7,928	13,505	6,696	6,809	2,062	943	1,119	1,546	896	946
45-49	12,350	6,025	6,326	10,631	5,238	5,392	1,719	786	934	1,323	594	720
50-54	10,926	5,285	5,641	9,437	4,612	4,825	1,489	674	816	1,169	523	646
55-59	11,121	5,298	5,823	9,735	4,673	5,063	1,385	625	760	1,112	506	607
60+	40,734	17,187	23,547	36,512	15,412	21,098	4,220	1,774	2,447	3,461	1,439	2,022
Median age, years	32.1	31.0	33.3	33.0	31.9	34.2	27.5	28.2	28.7	27.2	25.8	28.5

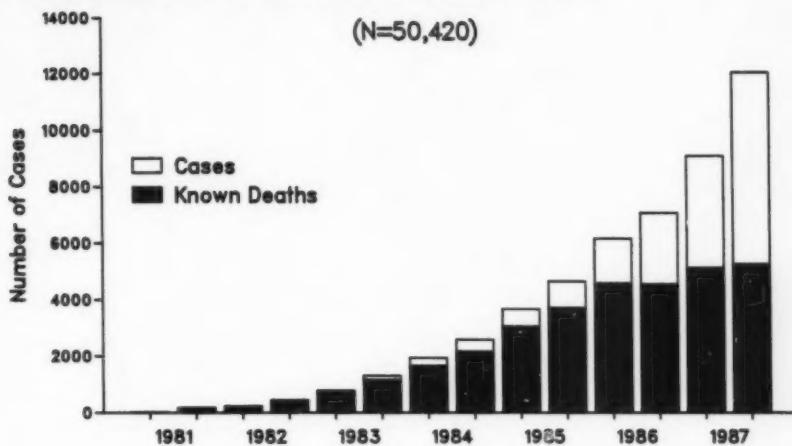
*Numbers in thousands

Source: U.S. Bureau of the Census, Current Population Reports, Series P-25, No. 1022, Estimates of the Population of the United States, by Age, Sex, and Race, 1980-1987.

PART 2:

**Graphs and Maps
for Selected
Notifiable Diseases
in the
United States**

ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS) - Cases and known deaths, by six-month periods of report to CDC, United States, 1981-1987



ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS) - C

(N=



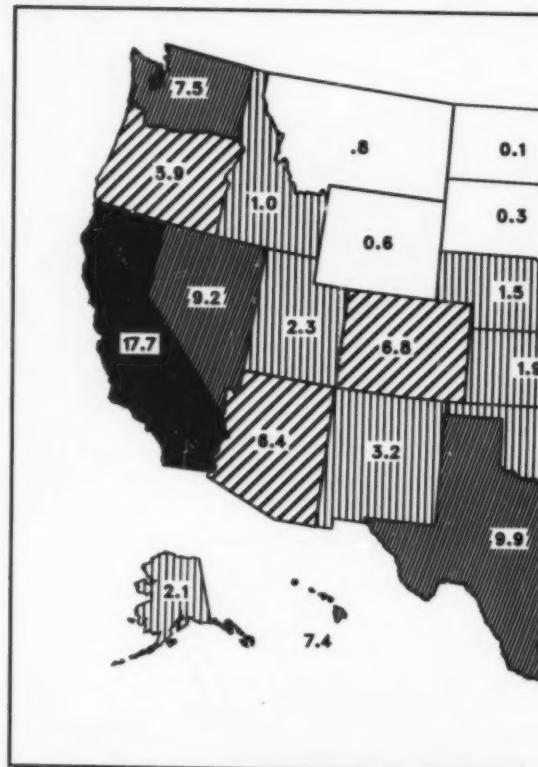
— Cases reported to CDC by state, United States, 1987

(=21,070)

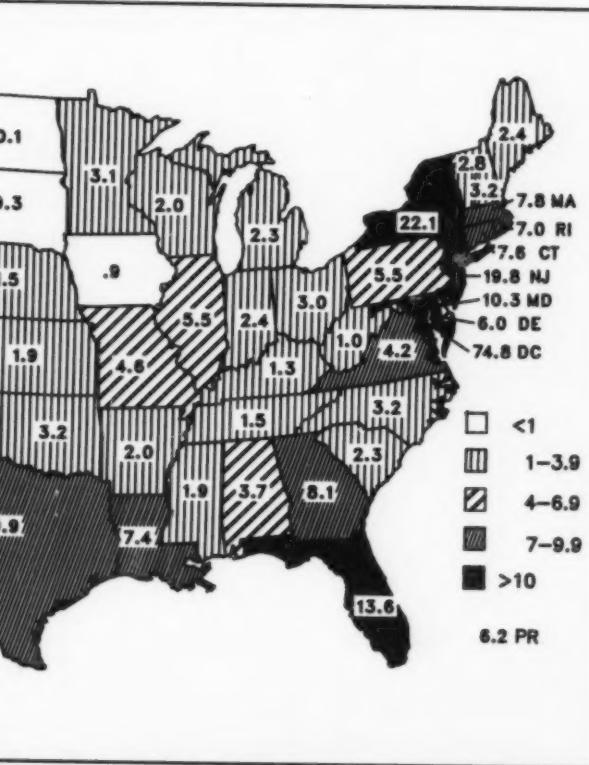


GRAPHICS AND MAPS

**ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS)
United States, 1987**



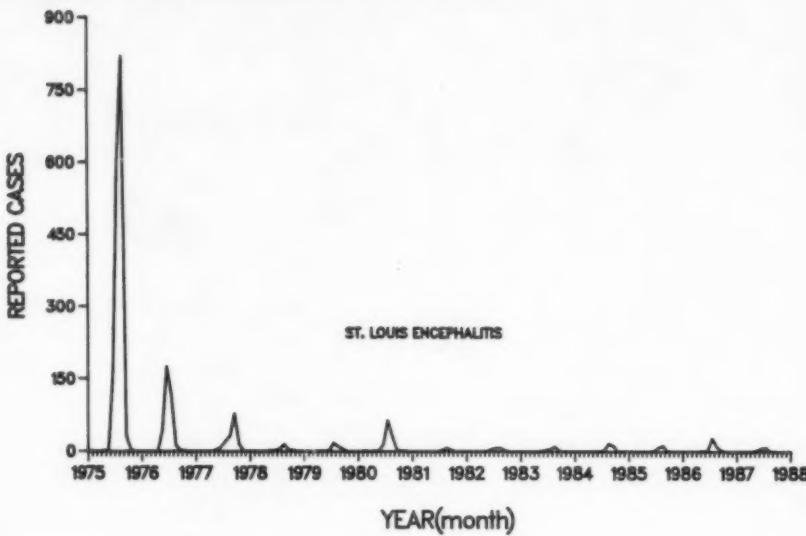
(OS) -- Cases per 100,000 population, reported to CDC by state,



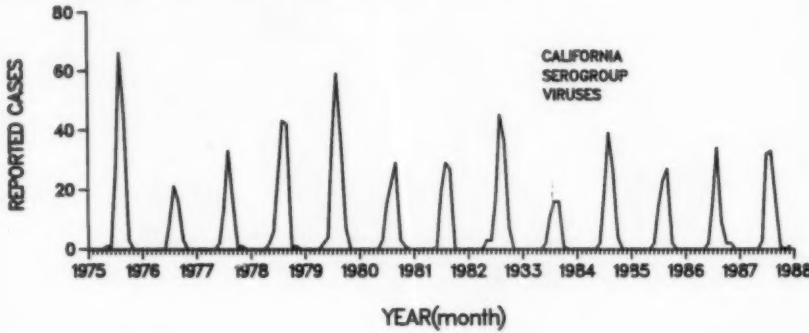
GRAPHS AND MAPS

GRAPHS AND MAPS

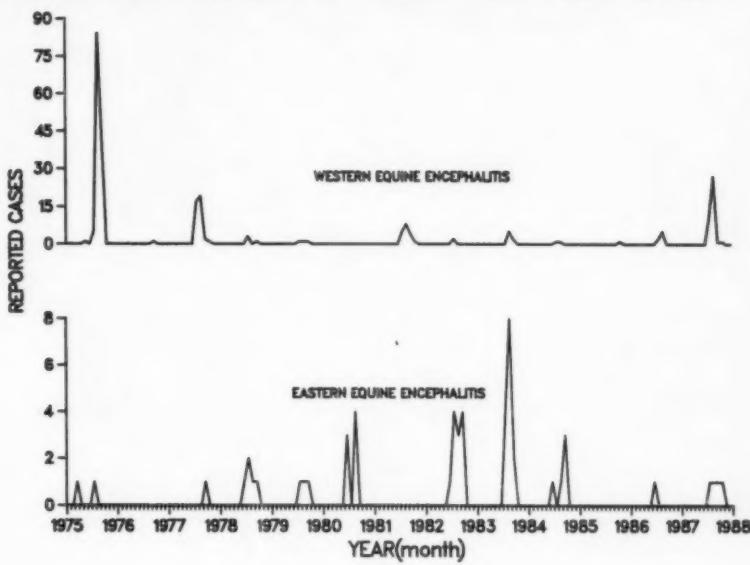
ARBOVIRAL INFECTIONS (of the central nervous system) — Cases due to St. Louis encephalitis virus, by month, United States, 1975-1987



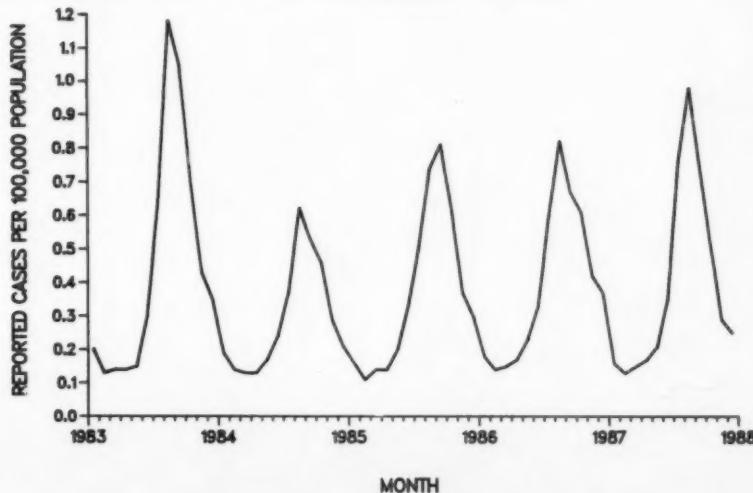
ARBOVIRAL INFECTIONS (of the central nervous system) — Cases due to California serogroup viruses, by month, United States, 1975-1987



ARBOVIRAL INFECTIONS (of the central nervous system) — Cases due to Western and Eastern equine encephalitis viruses, by month, United States, 1975-1987

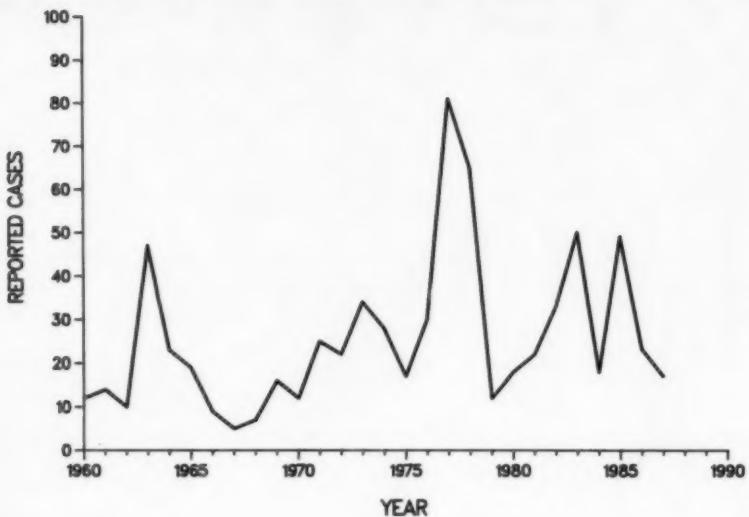


ASEPTIC MENINGITIS — By month, United States, 1983-1987

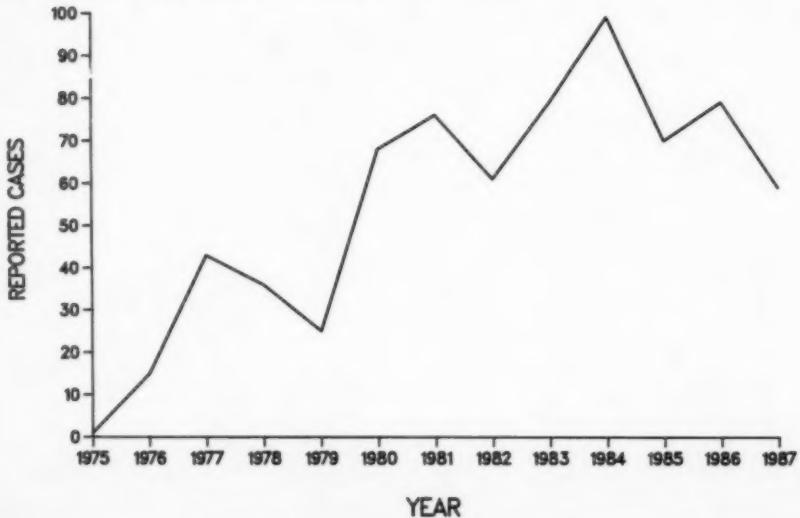


GRAPHS AND MAPS

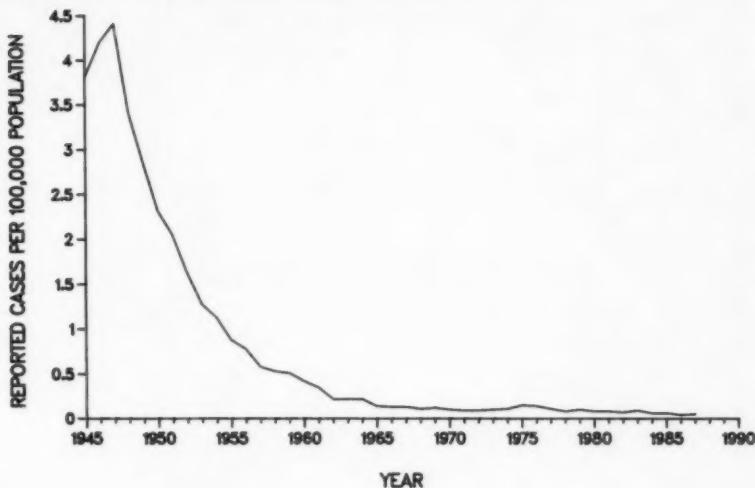
BOTULISM (foodborne) — By year, United States, 1960-1987



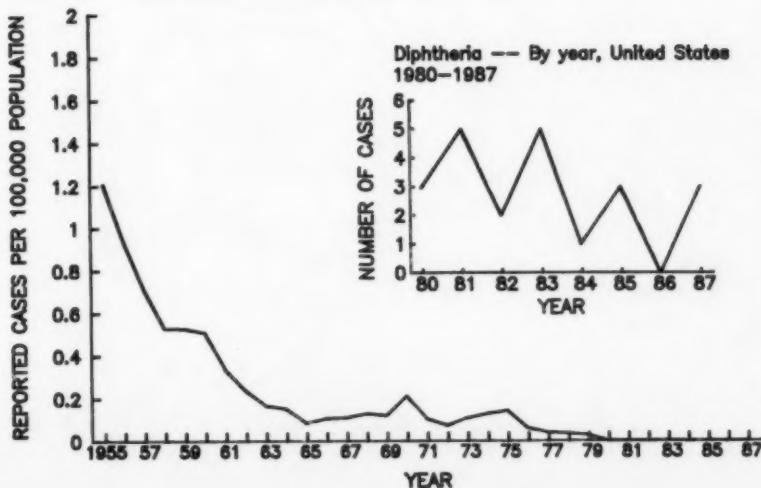
BOTULISM (infant) — by year, United States, 1975-1987



BRUCELLOSIS — By year, United States, 1945-1987

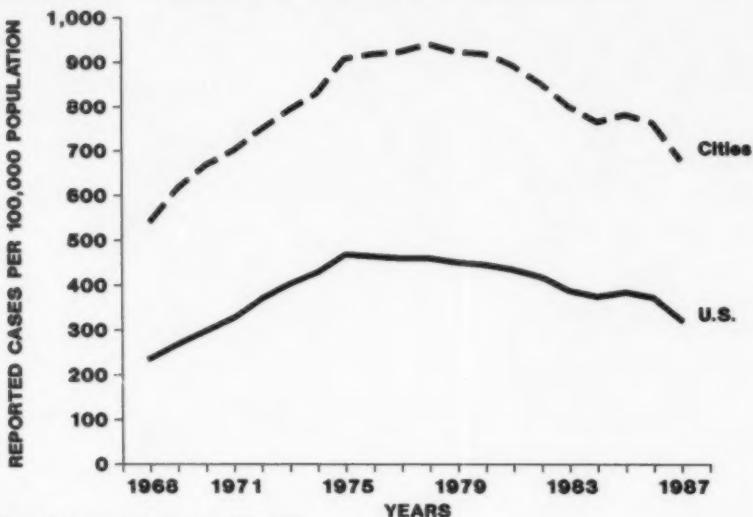


DIPHTHERIA — By year, United States, 1955-1987



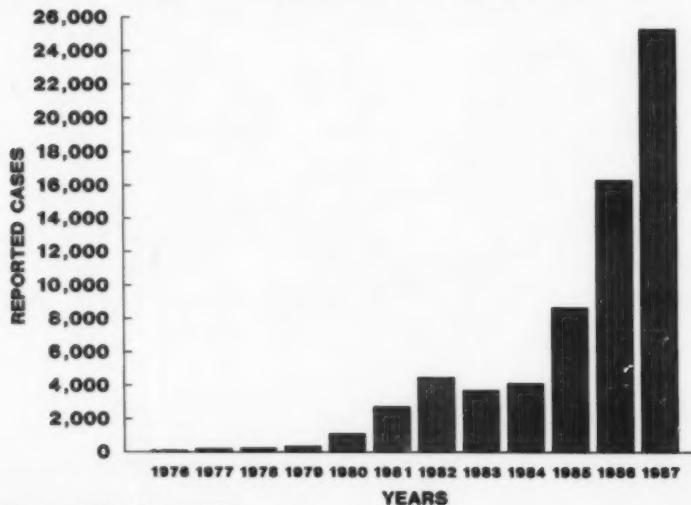
GRAPHS AND MAPS

GONORRHEA — By year, United States and large cities,* 1968-1987



*Cities with populations over 2,000,000

GONORRHEA — Total resistant strains, United States, 1976-1987



First case reported in March 1976



GONORRHEA — By state*, United States, 1987



*Based on reported cases per 100,000 population.



200-299 300-499 >500

GRAPHS AND MAPS

GONORRHEA — Total resistant strains, by state,* United States



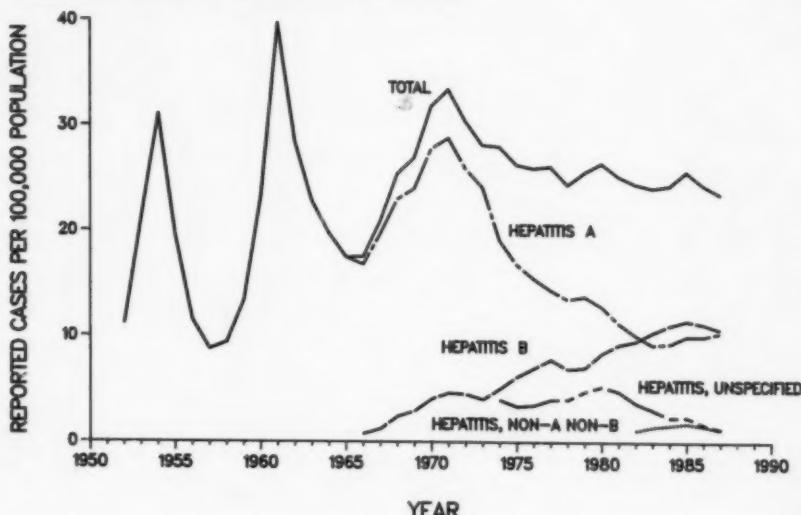
*Based on reported cases per 100,000 population.

United States, 1987

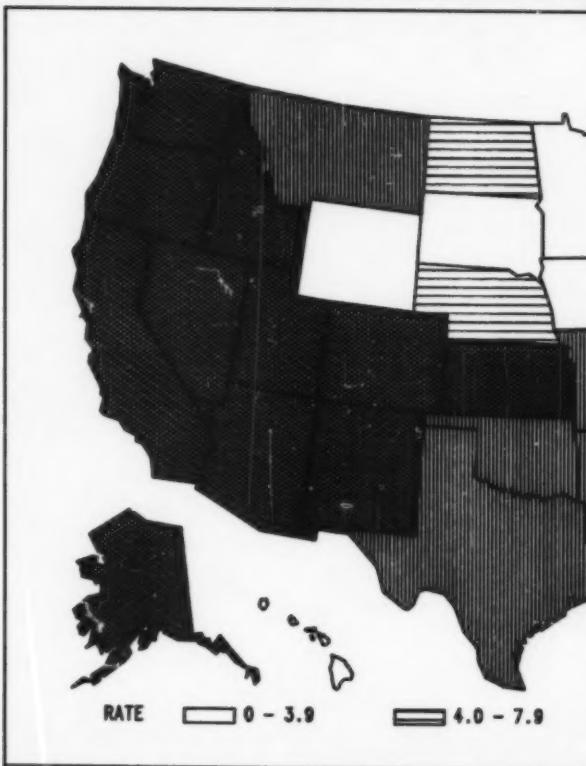


GRAPHS AND MAPS

HEPATITIS - By year, United States, 1952-1987

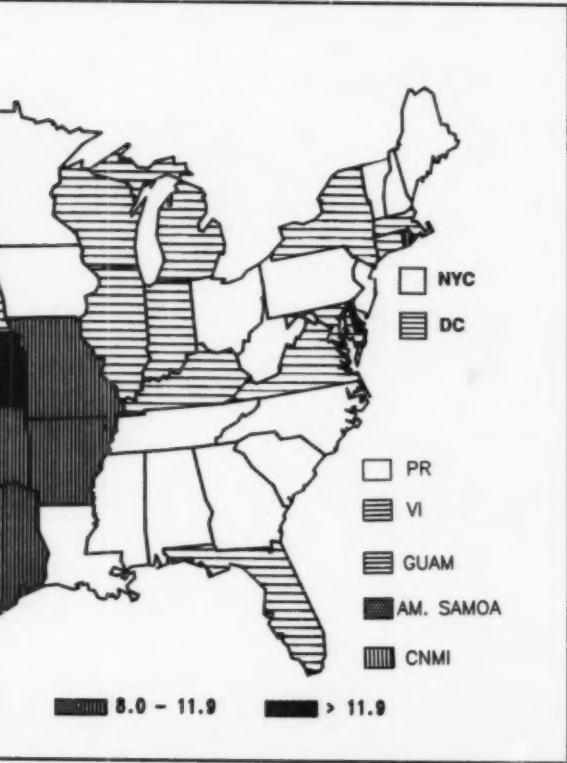


HEPATITIS A - Reported cases, per 100,000 population, Un

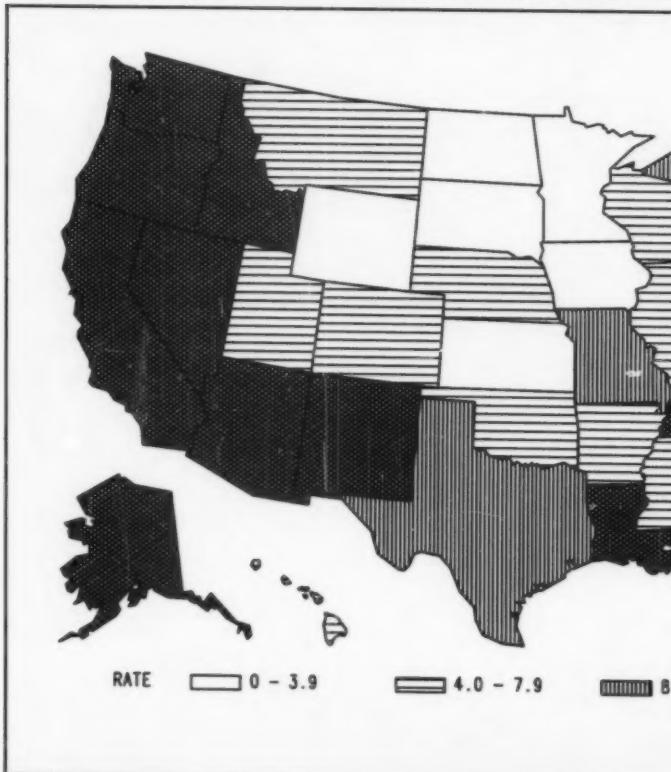


, United States, 1987

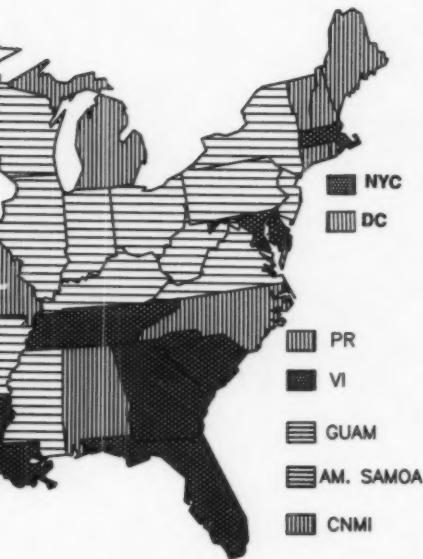
GRAPHS AND MAPS



HEPATITIS B – Reported cases, per 100,000 population, United States

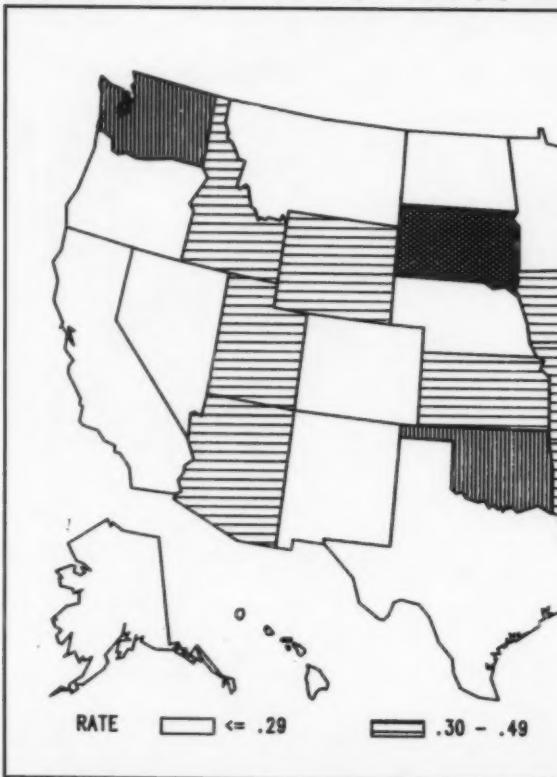


States, 1987



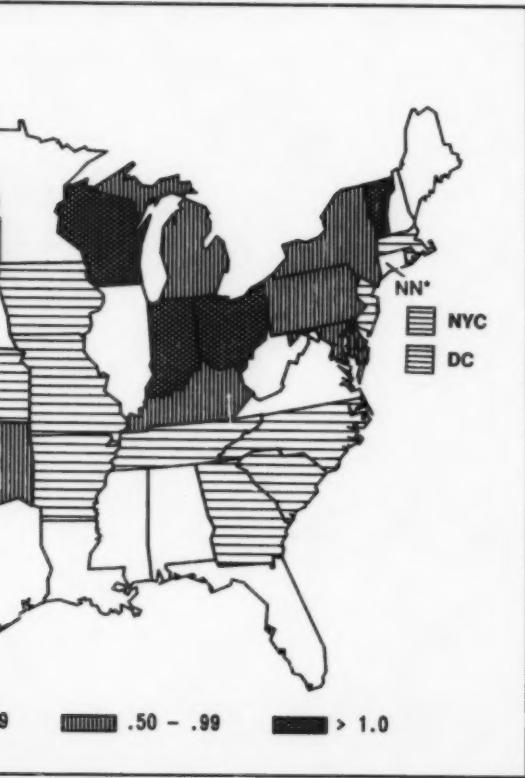
GRAPHS AND MAPS

LEGIONELLOSIS — Reported cases, per 100,000 population



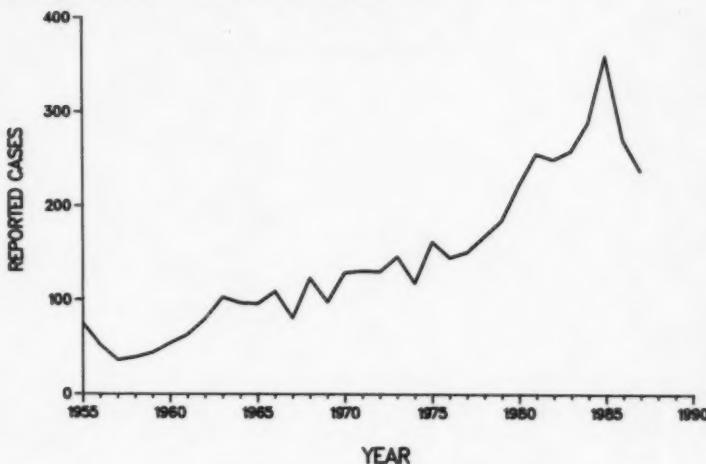
*Not notifiable.

ulation, United States, 1987

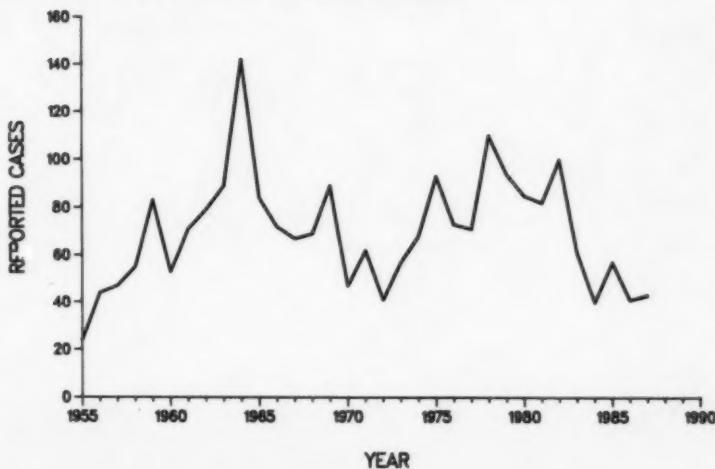


GRAPHS AND MAPS

LEPROSY — By year, United States, 1955-1987

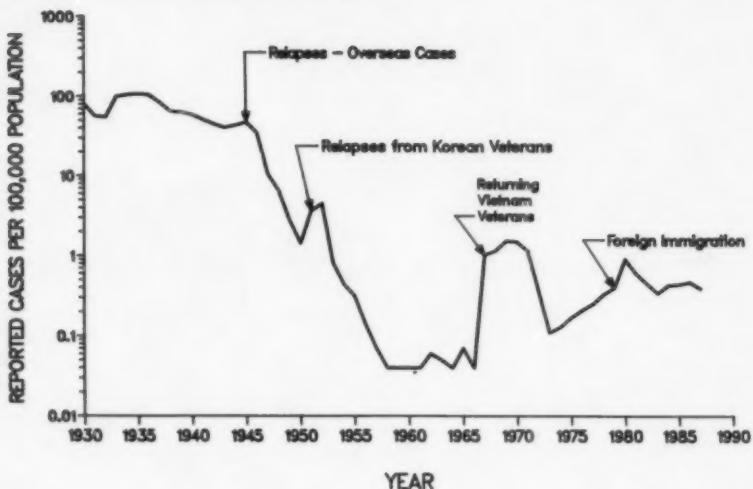


LEPTOSPIROSIS — By year, United States, 1955-1987

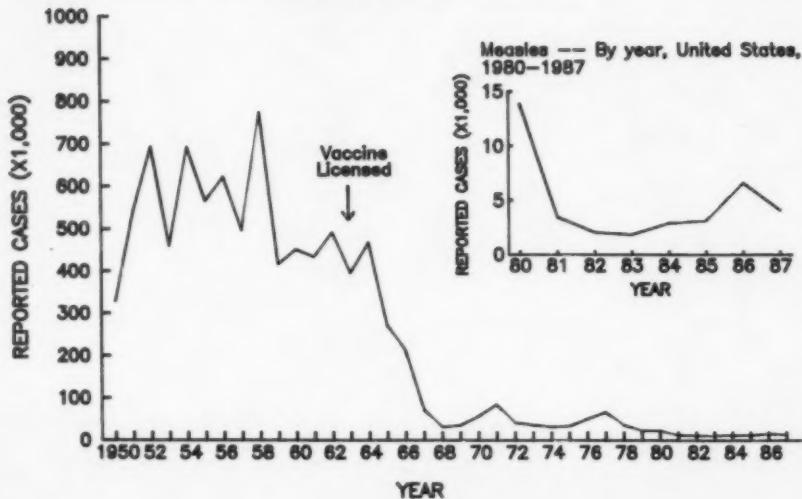


GRAPHS AND MAPS

MALARIA — By year, United States, 1930-1987

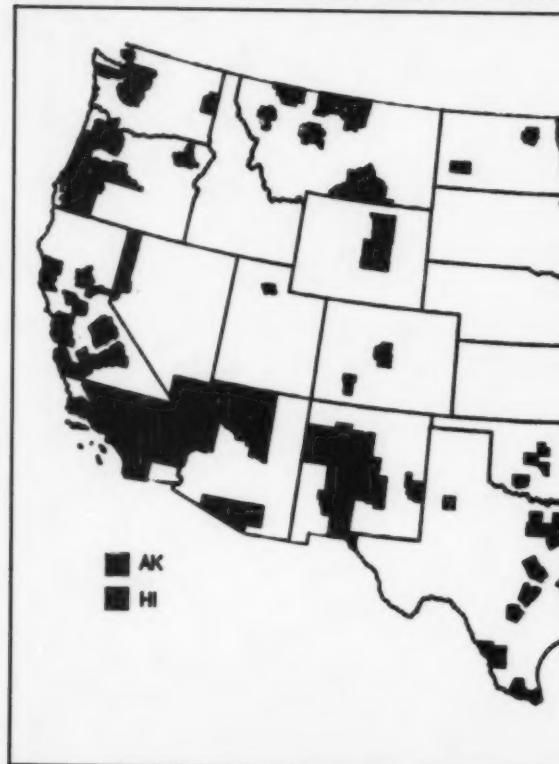


MEASLES (rubeola) — By year, United States, 1950-1987

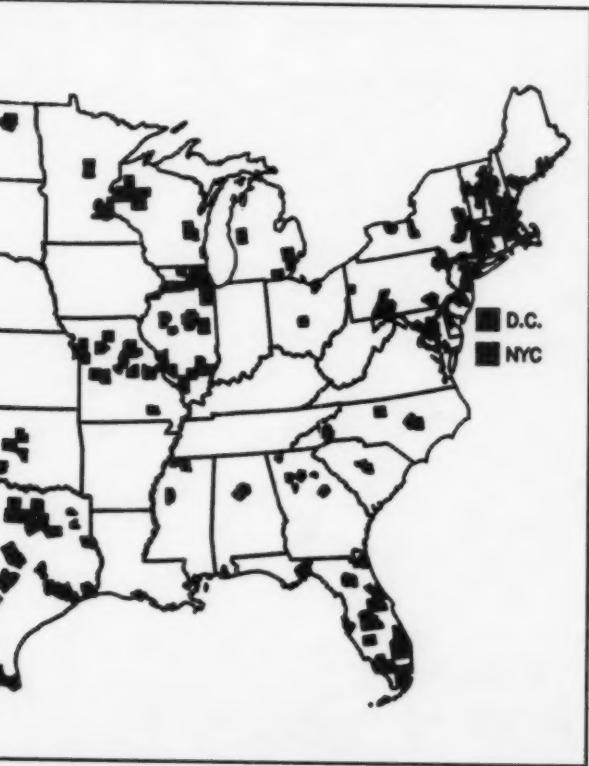




MEASLES (rubeola) — Counties reporting cases, United



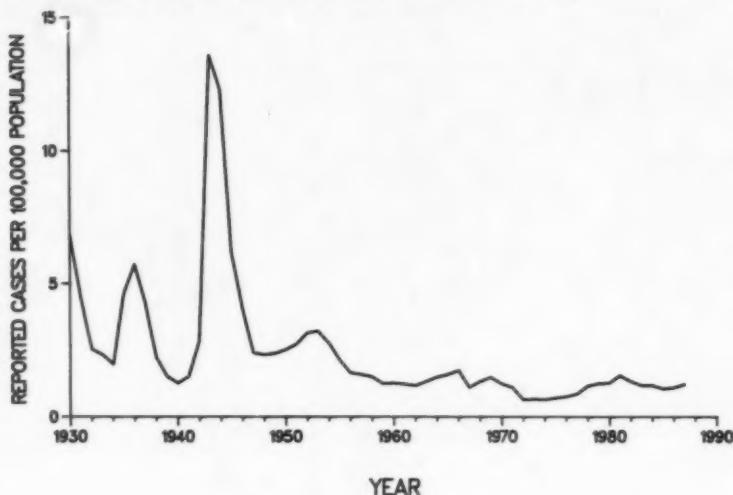
ited States, 1987



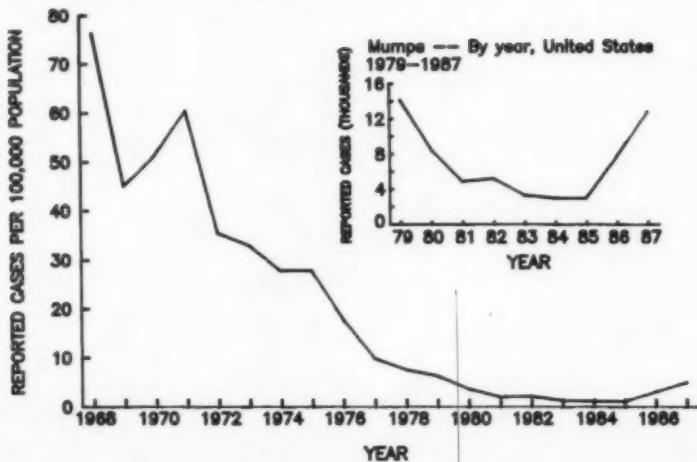
GRAPHS AND MAPS

GRAPHS AND MAPS

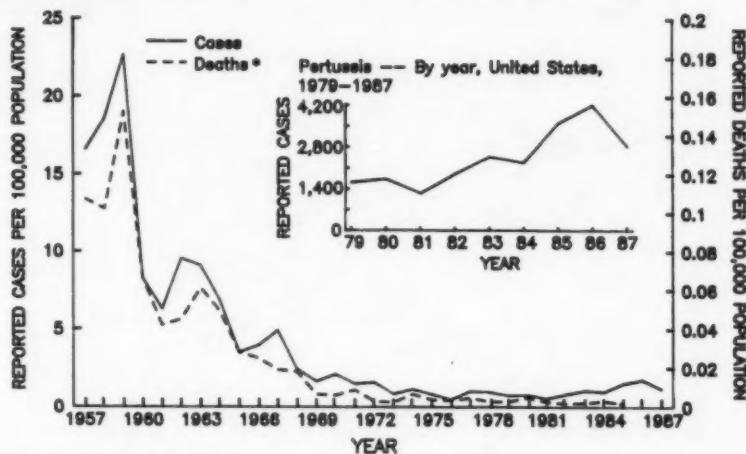
MENINGOCOCCAL INFECTION — By year, United States, 1930-1987



MUMPS — By year, United States, 1968-1987

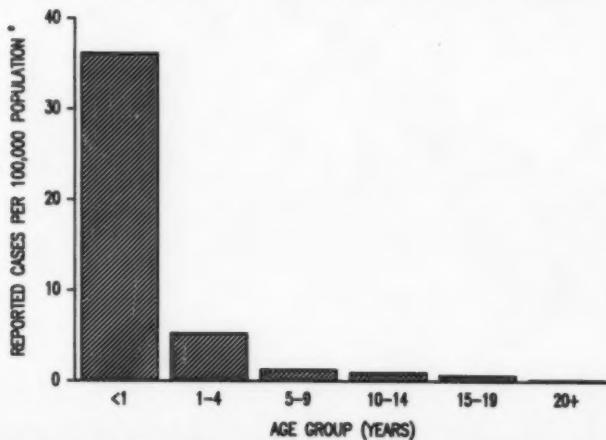


PERTUSSIS (whooping cough) — By year, United States, 1957-1987



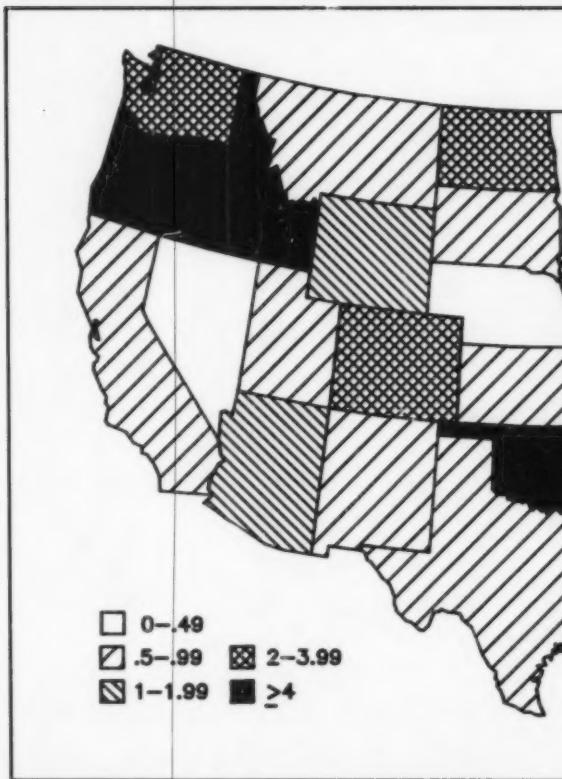
*Data not available for 1986-87.

PERTUSSIS (whooping cough) — By age group, United States, 1987

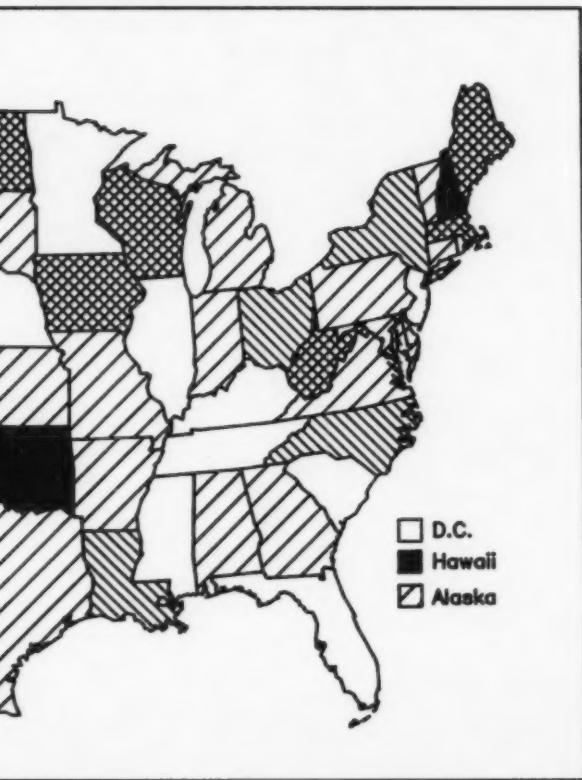


*Rates were calculated by multiplying the percentage of cases with known age group by total reported cases and dividing by the population in that age group.

2 PERTUSSIS (whooping cough) - Reported cases per 100,000 population

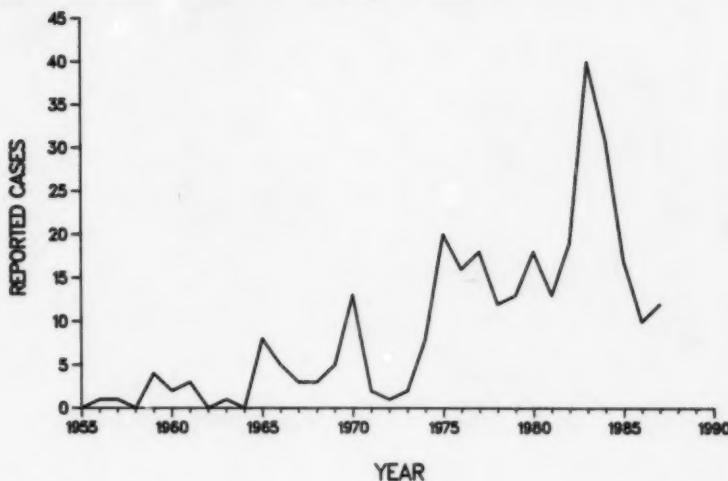


er 100,000 population, United States, 1967

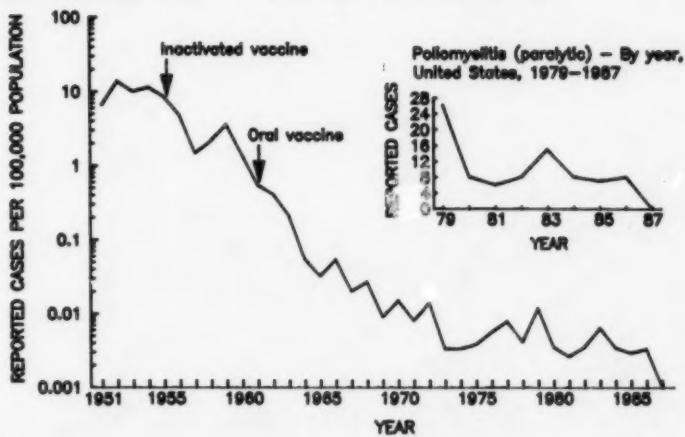


GRAPHS AND MAPS

PLAQUE — In humans, by year, United States, 1955-87

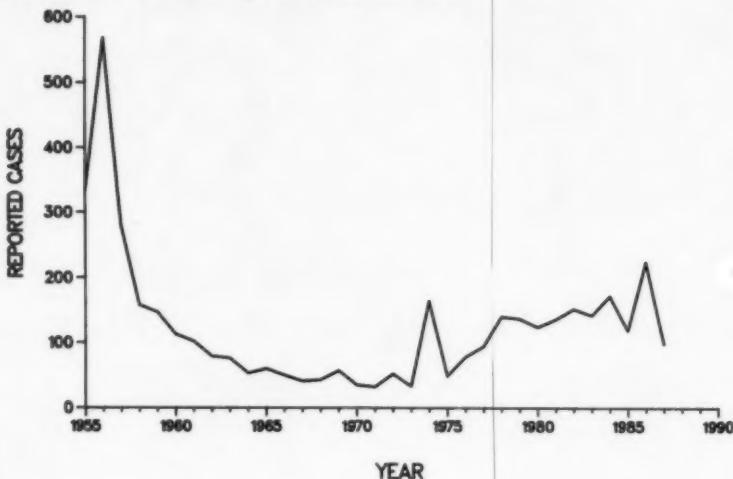


POLIOMYELITIS (paralytic) — By year, United States, 1951-1987

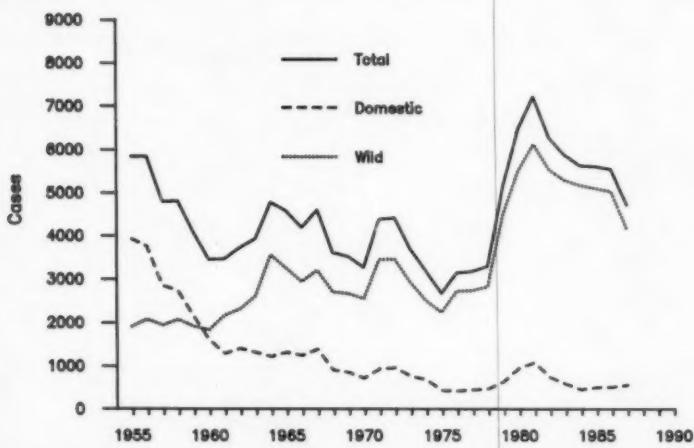


GRAPHS AND MAPS

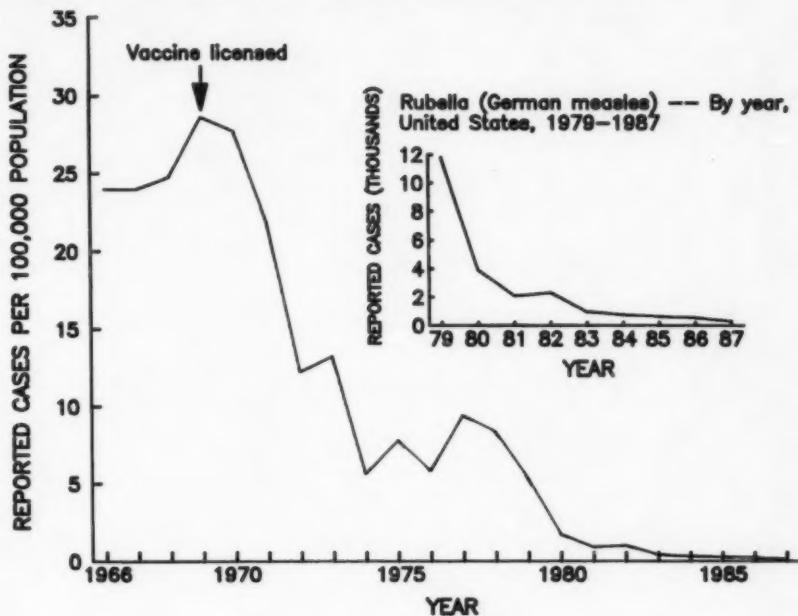
PSITTACOSIS — By year, United States, 1955-1987



RABIES — Wild and domestic animals, by year, United States and Puerto Rico, 1955-1987

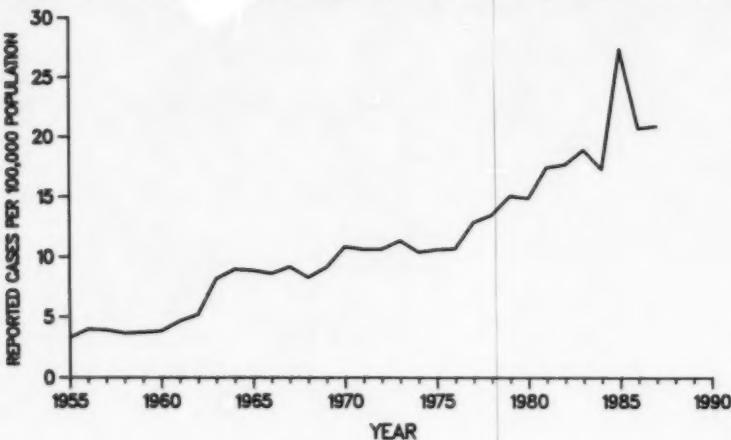


RUBELLA (German measles) — By year, United States, 1966-1987

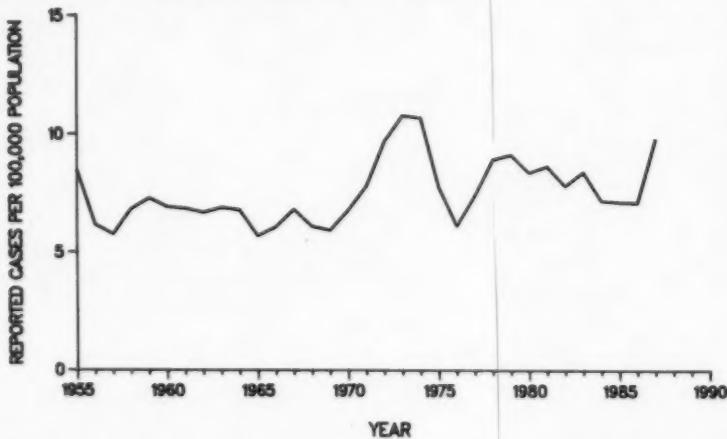


GRAPHS AND MAPS

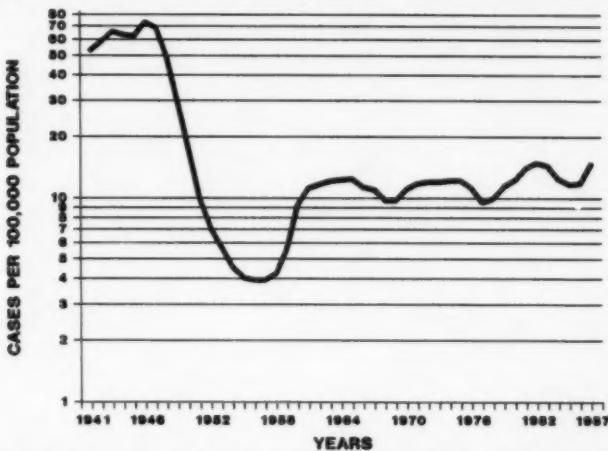
SALMONELLOSIS (excluding typhoid fever) — By year, United States, 1955-1987



SHIGELLOSIS — By year, United States, 1955-1987

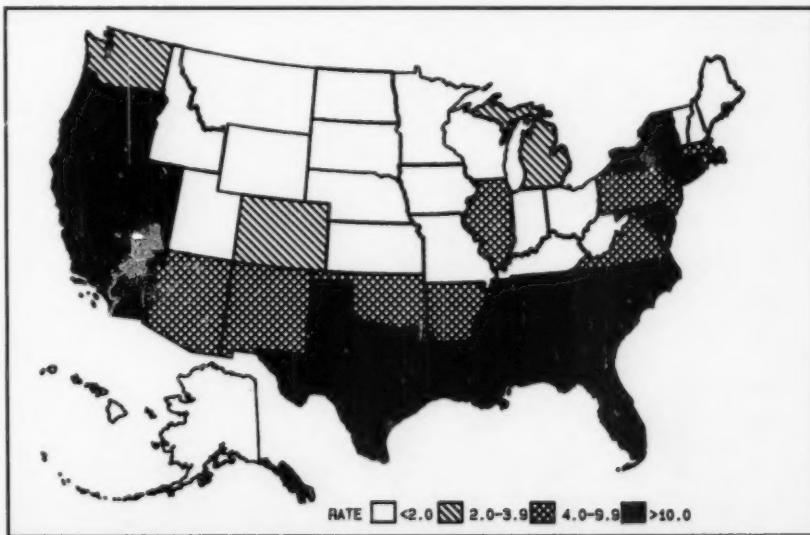


SYPHILIS (primary and secondary) — By year, United States, 1941-1987*



*1941-1946 fiscal years (12-month period ending June 30); 1947-1987 calendar years.

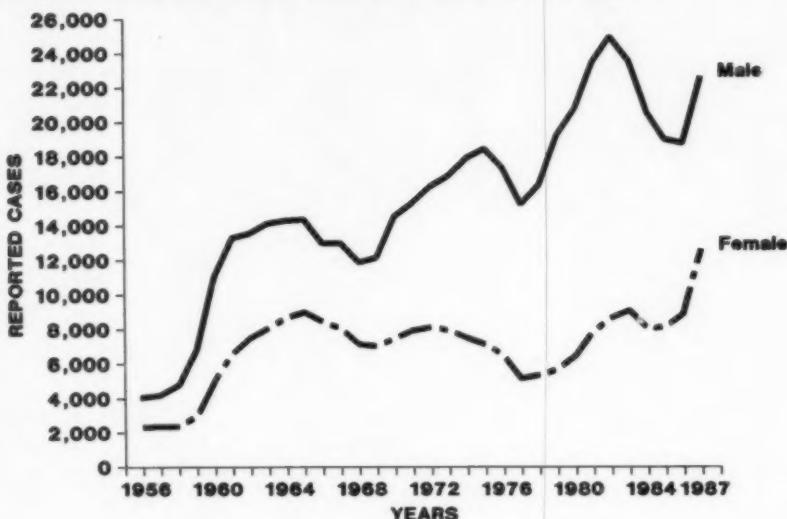
SYPHILIS (primary and secondary) — By state*, United States, 1987



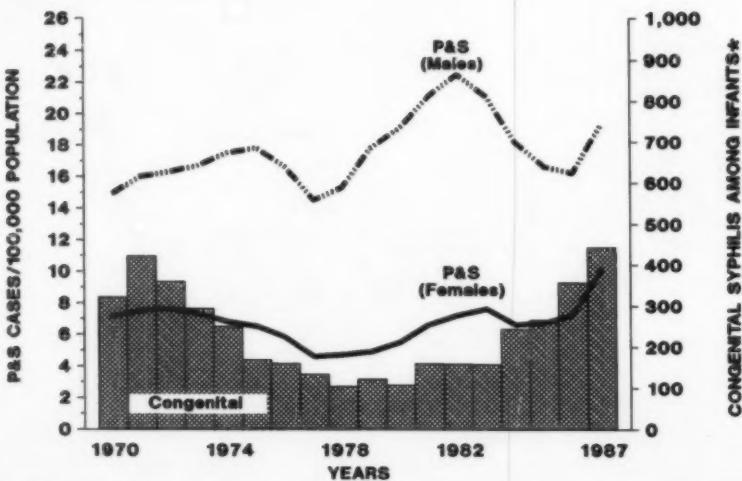
*Based on reported cases per 100,000 population.

GRAPHS AND MAPS

7 SYphilis (primary and secondary) – By sex, United States, 1956-1987

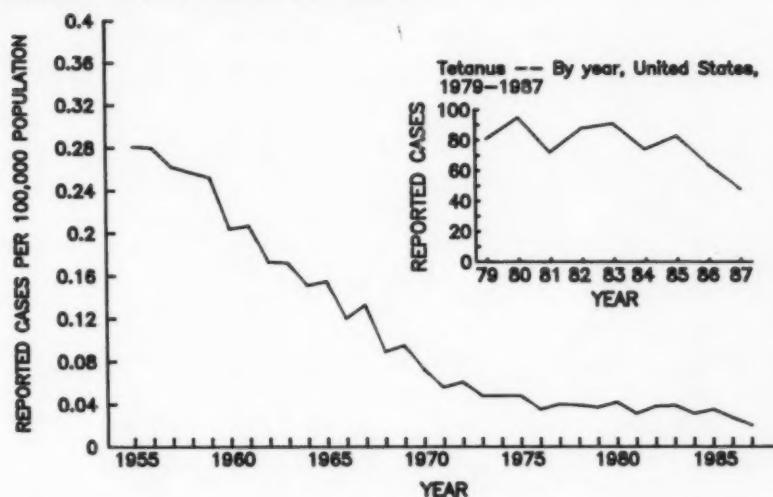


SYphilis (primary and secondary) – By sex, and congenital syphilis (under 1 year), United States, 1970-1987

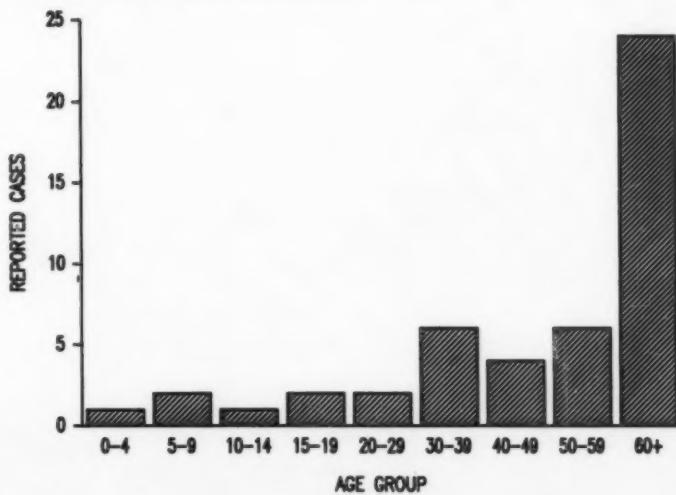


*Under 1 year of age.

TETANUS — By year, United States, 1955-1987

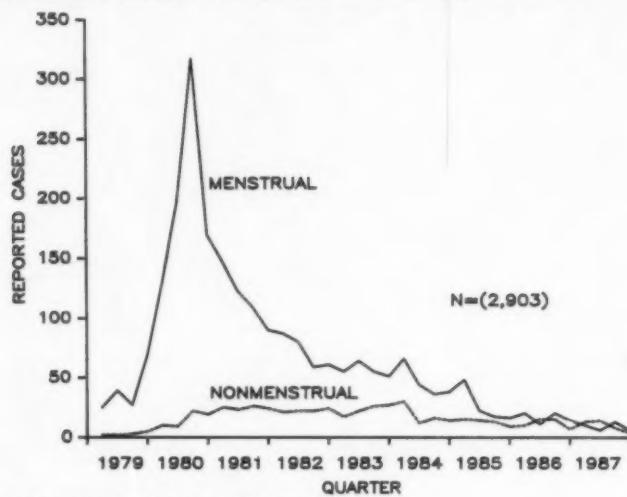


TETANUS — By age group, United States, 1987



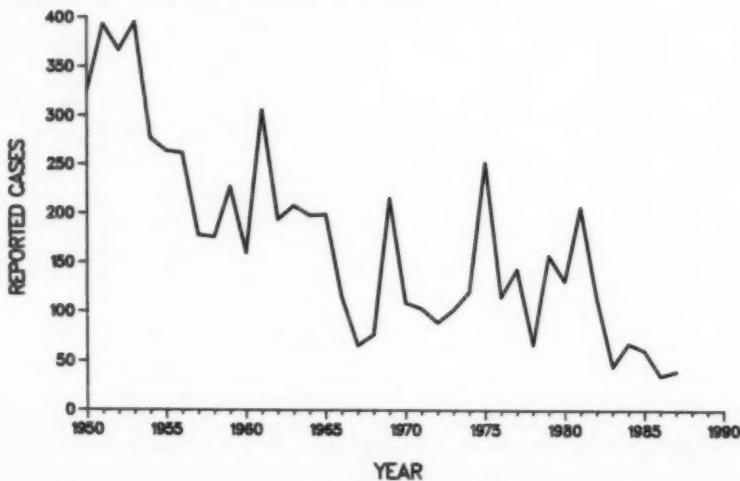
7
GRAPH AND MAPS

TOXIC-SHOCK SYNDROME — By quarter, United States, 1979-1987*

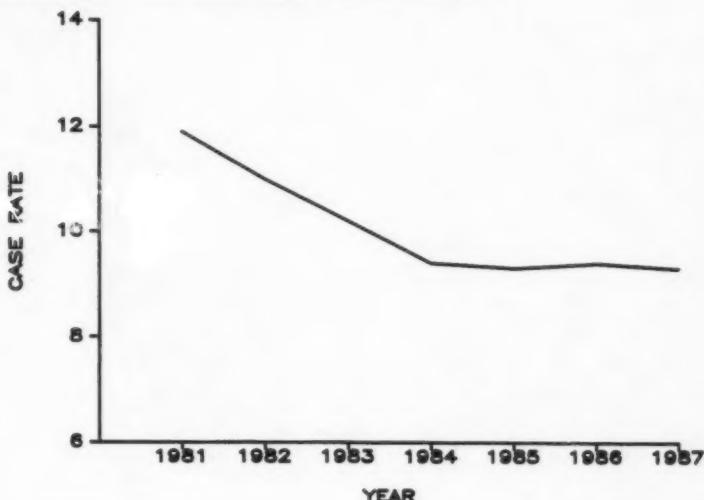


*Includes only cases meeting the CDC case definition.

TRICHINOSIS — By year, United States, 1950-1987

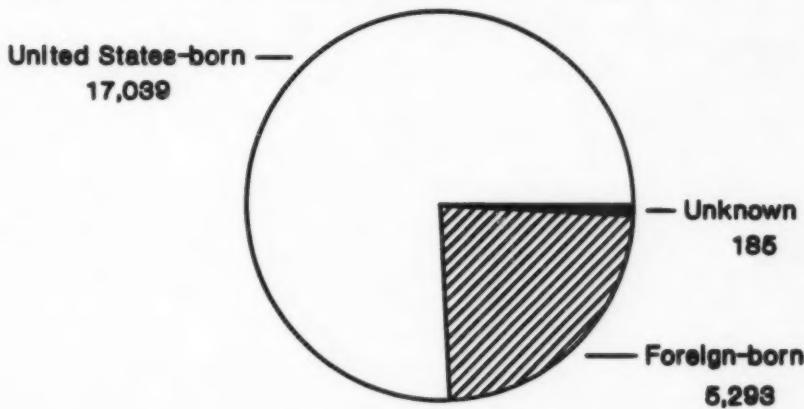


TUBERCULOSIS — Case rates, United States, 1981-1987



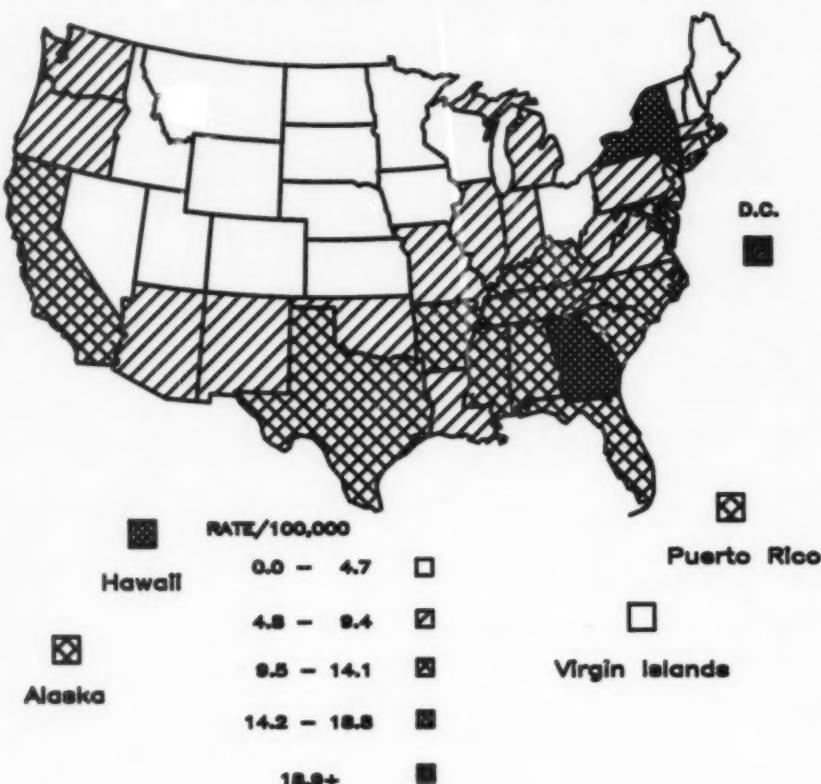
Rate per 100,000 population

TUBERCULOSIS — Cases, United States-born and foreign-born, 1987



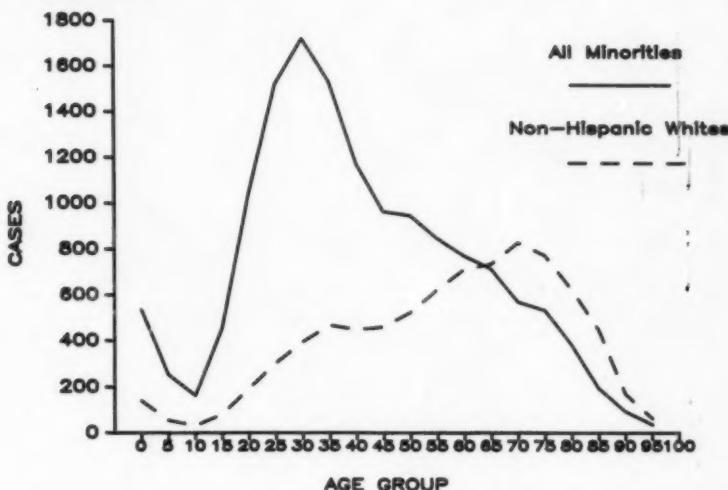
7
GRAPHs AND MAPs

TUBERCULOSIS — Rates, by state, United States, 1987

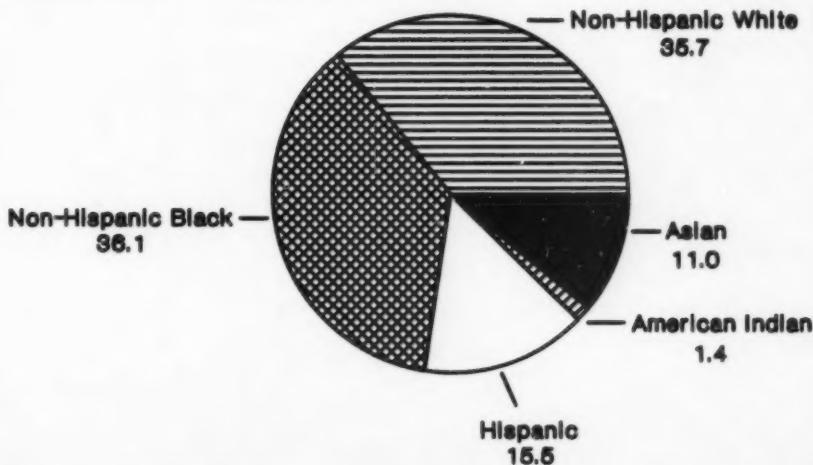


GRAPHS AND MAPS

TUBERCULOSIS — Frequency distribution of cases by age, race, and ethnicity, United States, 1987

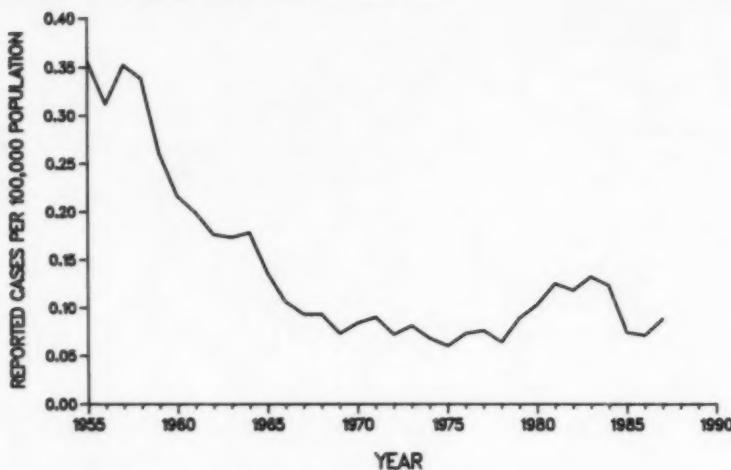


TUBERCULOSIS — Percentage of cases by race and ethnicity, United States, 1987

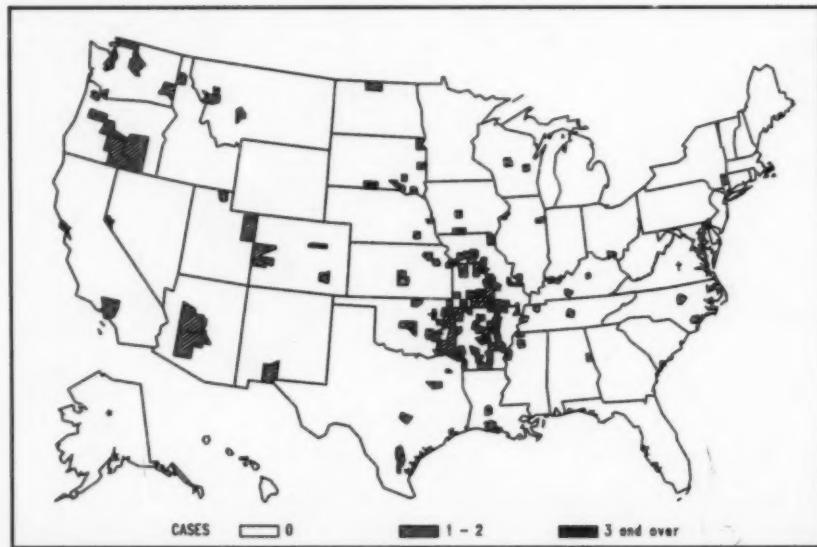


GRAPHS AND MAPS

TULAREMIA — By year, United States, 1955-1987



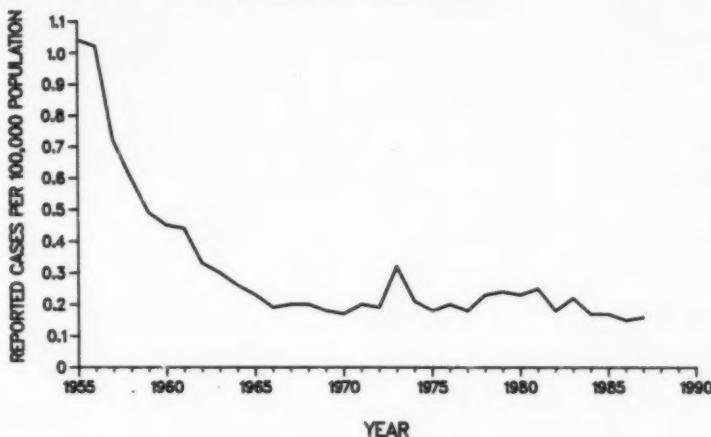
TULAREMIA — Reported cases, by county, United States, 1987



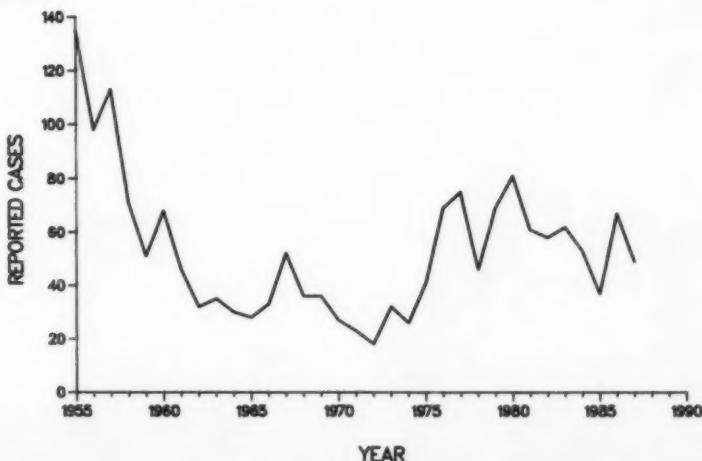
*1 case reported.

†2 cases reported.

TYPHOID FEVER — By year, United States, 1955-1987

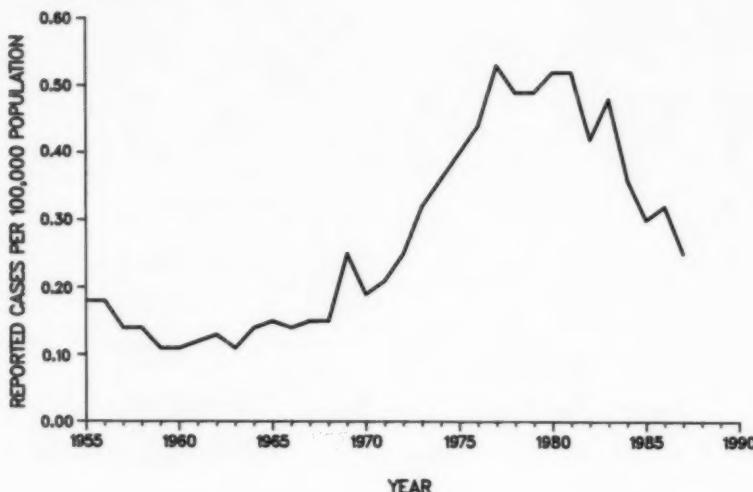


TYPHUS FEVER, FLEA-BORNE (endemic, murine) — By year, United States, 1955-1987

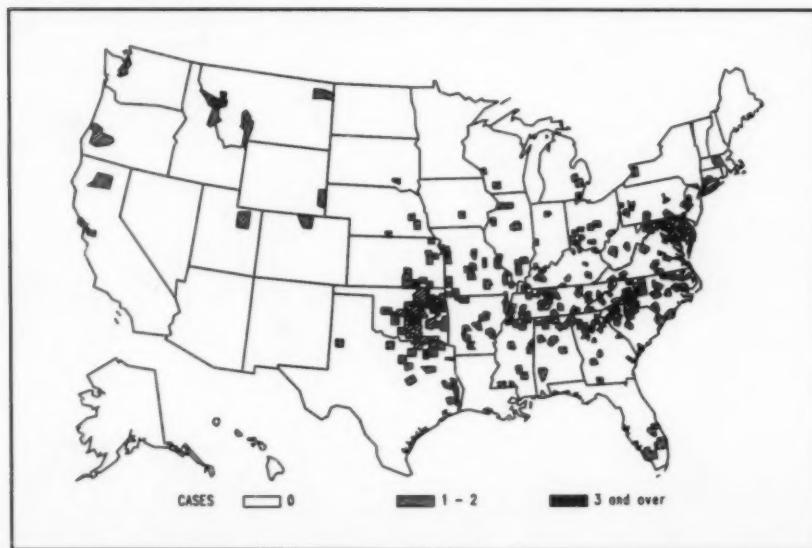


GRAPHS AND MAPS

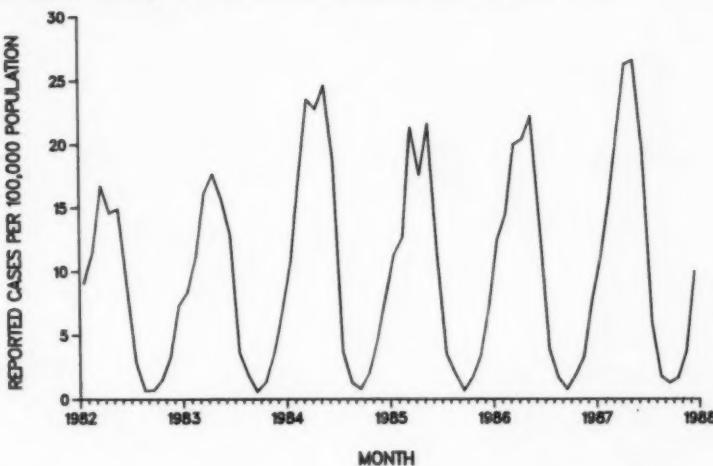
7 TYPHUS FEVER, TICK-BORNE (Rocky Mountain spotted fever) — By year, United States, 1955-1987



TYPHUS FEVER, TICK-BORNE (Rocky Mountain spotted fever) — Reported cases, by county, United States, 1987



VARICELLA (chickenpox) — By month, United States, 1982-1987



PART 3:

Historical Summary Tables



TABLE 1. NOTIFIABLE DISEASES - Summary of reported cases, United States, 1987-1988

Disease	1987	1988	1989	1990
U.S. total resident population (in thousands)	243,400	241,078	238,740	236,400
1980 census: July 1 est. 1977-1979, 1981-1987				
Acquired immunodeficiency syndrome (AIDS)	21,070	12,932	8,249	4,433
Amebiasis	3,123	3,532	4,433	5,100
Anthrax	1	—	—	—
Aseptic meningitis	11,487	11,374	10,819	8,800
Botulism, total (including wound and unsp.)	1182	109	122	—
Food-borne	17	23	49	—
Infant	59	79	70	—
Brucellosis (undulant fever)	129	106	153	—
Chancroid ¹	4,996	3,756	2,067	—
Cholera	6	23	4	—
Diphtheria	3	—	3	—
Encephalitis, primary ²	1,418	1,302	1,378	1,100
Immunocompetent	NA	NA	NA	—
Post-infectious ³	121	124	161	—
Gonorrhea ⁴	780,905	900,868	911,419	878,000
Granuloma inguinale ⁵	22	61	44	—
Hepatitis A	25,280	23,430	23,210 ⁶	22,600
Hepatitis B	25,916	26,107 ⁶	26,611 ⁶	26,600
Hepatitis non-A, non-B	2,998	3,634 ⁶	4,184 ⁶	3,300
Hepatitis, unspecified	3,102	3,940 ⁶	5,517 ⁶	5,000
Legionellosis ^{7,8}	1,038	948	830	—
Leprosy	238	270	361	—
Leptospirosis	43	41	57	—
Lymphogranuloma venereum ⁹	303	306	226	—
Malaria	944	1,123	1,049	1,000
Measles (rubeola)	3,655	6,282	2,822	2,200
Meningococcal infections, total	2,930	2,594	2,479	2,200
Mumps	12,848	7,790	2,902	3,000
Pertussis (whooping cough)	2,923	4,186	3,589	2,000
Plague	12	10	17	—
Poliomyelitis, total	—	8	7	—
Paralytic ¹⁰	—	8	7	—
Poxzecosis	98	224	119	—
Rabies, animal	4,656	5,504	5,565	5,000
Rabies, human	1	—	1	—
Rheumatic fever, acute	141	147	90	—
Rubella (German measles)	306	551	630	—
Rubella congenital syndrome	5	14	—	—
Salmonellosis (excluding typhoid fever)	50,916	49,984	65,347	40,000
Shigellosis	23,860	17,138	17,057	17,000
Syphilis, primary and secondary ¹¹	35,147	27,083	27,131	28,000
Total all stages ¹²	88,545	68,215	67,563	68,000
Tetanus	48	64	83	—
Toxic-shock syndrome	372	412	384	—
Trichinellosis	40	39	61	—
Tuberculosis ¹³	22,517	22,768	22,201	22,000
Tularemia	214	150	177	—
Typhoid fever (cases)	400	362	402	—
(Carriers)	N/A	53	61	—
Typhus fever, flea-borne (endemic, murine)	49	67	37	—
Typhus fever, tick-borne (Rocky Mountain spotted)	604	700	714	—
Varicella (chickenpox)	213,196	183,243	178,162	220,000
Yellow fever				

¹Not previously notifiable nationally.²Civilian cases only.³Data for 1984-1987 reflects change in categories for tabulating encephalitis reports. Cases for 1984-1987 are from surveillance records reported by onset date.⁴Reports from New York City are not available.⁵Data for 1982-1987 recorded by date of report to state health department. Data for all previous years are from surveillance records reported by onset date.⁶Annual case reports from state health departments prior to 1986; numbers may not reflect changes base for 1986 updated due to late reports. Reports for 1987 are provisional.⁷Case data subsequent to 1974 are not comparable to prior years due to changes in reporting criteria.

Last Ind:

United States, 1978-1987

1984	1983	1982	1981	1980	1979	1978
236,158	233,981	231,534	229,307	226,505	220,086	218,059
4,445						
5,252	6,658	7,304	6,632	5,271	4,107	3,937
1	—	—	—	1	—	6
8,326	12,696	9,960	9,547	8,028	8,754	6,573
123	133	97	103	89	45	105
19	50	33	22	18	12	65
98	79	61	76	68	25	36
131	200	173	185	183	215	179
865	847	1,382	850	788	840	521
1	1	—	19	9	1	12
1	6	2	5	3	59	78
1,257	360	374	317	323	312	290
NA	1,401	1,036	1,178	1,039	1,182	1,061
108	34	36	43	40	44	34
878,556	900,425	960,633	990,864	1,004,029	1,004,059	1,013,436
30	24	17	66	51	76	72
22,040	21,532	22,403	25,802	29,087	30,407	29,500
26,115	24,318	22,177	21,152	19,015	15,452	15,016
3,871	3,476	2,829	—	—	—	—
5,531	7,149	8,564	10,975	11,894	10,534	8,776
750	852	654	408	475	593	761
290	256	250	256	223	185	168
40	61	100	82	85	94	110
170	335	235	263	199	250	284
1,007	813	1,056	1,388	2,062	894	731
2,567	1,497	1,714	3,124	13,506	13,597	26,871
2,748	2,736	3,056	3,525	2,840	2,724	2,505
3,021	3,355	5,270	4,941	8,576	14,225	16,817
2,276	2,463	1,849	1,249	1,730	1,623	2,063
31	40	19	13	18	19	12
8	15	8	—	9	34	15
8	15	8	6	8	36	9
172	142	152	136	124	137	140
5,567	5,078	6,212	7,118	6,421	5,119	3,254
3	2	—	2	—	4	4
117	98	137	264	432	529	851
752	970	2,325	2,077	3,904	11,795	18,209
5	22	7	19	50	62	30
40,861	44,250	40,936	39,990	33,715	33,138	29,410
17,571	19,719	16,129	19,856	19,041	20,135	19,511
28,607	32,698	33,613	31,266	27,204	24,874	21,856
68,888	74,637	75,579	72,798	68,832	67,049	64,575
74	91	88	72	95	81	86
482	502	—	—	—	—	—
68	45	115	208	131	157	67
22,255	23,846	25,520	27,373	27,748	27,669	26,521
291	310	275	288	234	196	141
380	507	425	584	510	509	505
54	61	60	73	62	71	62
53	62	58	61	61	69	46
838	1,126	976	1,192	1,163	1,070	1,063
221,963	177,462	167,423	200,766	190,624	199,081	154,009
* Indigenous case reported 1911; last imported, 1924						

4-1987 are recorded by date of report to state health departments. Data for previous years

years are from surveillance records reported by onset date.

Years based on retrospective case evaluations or late reports (see MMWR 1986;35:180-182). Data

area which became effective in 1975.

HISTORICAL TABLES - 1978-1987

TABLE 2. NOTIFIABLE DISEASES - Summary of reported cases per

Disease	1967	1968	1969
Acquired immunodeficiency syndrome (AIDS)	8.66	5.36	3.48
Amebiasis	1.33	1.47	1.32
Anthrax	0.00	0.00	0.00
Aseptic meningitis	4.72	4.72	4.50
Botulism, total	0.03	0.05	0.05
Food-borne	0.01	0.01	0.02
Infant	0.02	0.03	0.03
Brucellosis (undulant fever)	0.05	0.04	0.06
Chancroid	2.07	1.57	0.87
Cholera	0.00	0.01	0.00
Diarrhea	0.00	0.00	0.00
Encephalitis, primary	0.58	0.54	0.58
Post-infectious	0.05	0.06	0.07
Gonorrhea	323.14	376.37	364.51
Granuloma inguinale	0.01	0.03	0.02
Hepatitis A	10.38	10.02	10.03
Hepatitis B	10.65	11.17	11.50
Hepatitis non-A non-B	1.23	1.55	1.81
Hepatitis, unspecified	1.27	1.69	2.38
Legionellosis	0.43	0.43	0.37
Leprosy	0.10	0.11	0.15
Leptospirosis	0.02	0.02	0.02
Lymphogranuloma venereum	0.13	0.16	0.10
Malaria	0.39	0.47	0.44
Measles (rubella)	1.50	2.61	1.18
Meningococcal infections, total	1.20	1.08	1.04
Mumps	5.43	3.37	1.30
Pertussis (whooping cough)	1.16	1.74	1.50
Plague	0.00	0.00	0.01
Pollomyelitis, total	0.00	0.00	0.00
Paralytic	0.00	0.00	0.00
Pottacosis	0.04	0.08	0.08
Rabies, human	0.00	0.00	0.00
Rheumatic fever, acute	0.13	0.12	0.07
Rubella (German measles)	0.13	0.23	0.26
Rubella, congenital syndrome ¹	0.00	0.00	0.00
Salmonellosis, excluding typhoid fever	20.92	20.73	21.37
Shigellosis	9.80	7.11	7.14
Smallpox	.....	.....	.....
Syphilis, primary and secondary	14.54	11.65	11.45
Total all stages	35.81	28.50	29.50
Tetanus	0.02	0.03	0.03
Toxic-shock syndrome	0.15	0.19	0.18
Trichinosis	0.02	0.02	0.03
Tuberculosis	9.25	9.44	9.30
Tularemia	0.09	0.07	0.07
Typhoid fever (cases)	0.16	0.15	0.17
(Carriers)	N/A	0.02	0.03
Typhus fever, flea-borne (endemic, murine)	0.02	0.03	0.02
Typhus fever, tick-borne (Rocky Mountain spotted)	0.25	0.32	0.30
Varicella (chickenpox)	138.88	122.42	123.23
Yellow fever	.....	.....	.....

Note: Rates less than 0.01 after rounding are shown as 0.00.

Population data from those states where diseases were not notifiable (NN) or population was used for chancroid, gonorrhea, granuloma inguinale, lymphogranuloma venereum.

¹Not previously notifiable nationally.²Per 1,000 live births.

per 100,000 population, United States, 1978-1987

1984	1983	1982	1981	1980	1979	1978
1.88	2.95	3.23	2.96	2.38	1.90	1.84
2.30	0.00	0.00	0.00	0.00	0.00	0.00
3.57	5.49	4.18	4.16	3.61	4.05	3.01
0.05	0.06	0.04	0.04	0.04	0.02	0.05
0.01	0.02	0.01	0.01	0.01	0.01	0.03
0.04	0.03	0.63	0.03	0.03	0.01	0.02
0.06	0.09	0.07	0.06	0.06	0.10	0.06
0.28	0.36	0.60	0.37	0.35	0.38	0.24
0.00	0.00	0.00	0.01	0.00	0.00	0.01
0.00	0.00	0.00	0.00	0.00	0.03	0.03
0.53	0.15	0.16	0.14	0.14	0.15	0.13
0.05	0.01	0.02	0.02	0.02	0.04	0.04
374.75	367.64	417.45	434.84	444.99	450.31	468.25
0.01	0.01	0.01	0.03	0.02	0.03	0.03
9.33	9.20	10.11	11.25	12.84	13.82	13.53
11.06	10.39	9.58	9.22	8.39	7.02	6.86
1.64	1.66	1.39	.....	.....	.....	.....
2.34	3.09	3.70	4.79	5.26	4.79	4.02
0.36	0.43	0.36	0.18	0.21	0.27	0.35
0.12	0.11	0.11	0.11	0.10	0.08	0.08
0.02	0.03	0.04	0.04	0.04	0.04	0.05
0.07	0.14	0.10	0.12	0.09	0.11	0.13
0.43	0.35	0.46	0.61	0.91	0.41	0.34
1.10	0.64	0.64	1.38	5.96	6.18	12.32
1.16	1.17	1.22	1.06	1.96	1.26	1.15
1.22	1.55	2.46	2.50	3.26	6.26	7.81
0.96	1.05	0.82	0.54	0.76	0.74	0.95
0.01	0.02	0.01	0.01	0.01	0.01	0.01
0.00	0.01	0.00	0.00	0.00	0.02	0.01
0.00	0.01	0.00	0.00	0.00	0.01	0.00
0.07	0.05	0.07	0.06	0.05	0.06	0.05
0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.08	0.06	0.09	0.17	0.30	0.44	0.60
0.32	0.41	1.00	0.91	1.72	5.36	8.38
0.00	0.01	0.00	0.01	0.01	0.02	0.01
17.30	18.91	17.58	17.44	14.88	15.06	13.49
7.36	8.43	7.83	8.66	8.41	9.15	8.95
Last documented case occurred in 1949						
12.20	14.08	14.81	13.72	12.06	11.16	10.00
29.81	32.13	32.84	31.95	30.51	30.07	30.00
0.03	0.04	0.04	0.03	0.04	0.04	0.04
0.24	0.24	.....	.....	.....	.....	.....
0.03	0.02	0.05	0.10	0.06	0.07	0.03
9.42	10.19	11.02	11.94	12.25	12.57	13.06
0.12	0.13	0.12	0.13	0.10	0.09	0.06
0.17	0.22	0.18	0.25	0.23	0.24	0.23
0.03	0.03	0.03	0.03	0.03	0.03	0.03
0.02	0.03	0.03	0.03	0.04	0.03	0.02
0.36	0.48	0.42	0.52	0.52	0.49	0.49
138.44	89.65	94.37	100.48	96.69	102.93	80.42
Last Indigenous case reported 1911; last imported, 1924						

) or not available (NA) were excluded from rate calculation. Civilian resident
granuloma venereum, and syphilis.

HISTORICAL TABLES - 1978-1987

TABLE 3. NOTIFIABLE DISEASES — Summary of reported cases, 1977

Disease	1977	1976	1975
U.S. total resident population, July 1, estimate (in thousands)	216,332	214,659	213,121
Amebiasis	3,044	2,906	2,775
Anthrax	—	2	2
Aseptic meningitis	4,789	3,510	4,475
Botulism	129	55	20
Brucellosis (undulant fever)	232	296	310
Chancroid	455	628	700
Cholera	3	—	—
Diphtheria	84	128	307
Encephalitis, primary	1,414	1,661	4,064
Encephalitis, post-infectious	119	175	237
Gonorrhea	1,002,219	1,001,984	999,937
Granuloma inguinale	75	71	60
Hepatitis, serum	16,831	14,973	13,121
Hepatitis, infectious	31,153	33,286	35,855
Hepatitis, unspecified	8,639	7,488	7,158
Legionellosis	369	235	—
Leprosy	151	145	162
Leptospirosis	71	73	93
Lymphogranuloma venereum	346	365	353
Malaria	547	471	373
Measles (rubeola)	57,945	41,128	24,374
Meningococcal infections	1,828	1,605	1,478
Mumps	21,436	38,492	58,647
Pertussis (whooping cough)	2,177	1,010	1,738
Plague	18	16	20
Poliomyelitis, total	18	14	8
Paralytic	17	12	8
Poxvirus	94	78	49
Rabies, animal	3,130	3,073	2,627
Rabies, human	1	2	2
Rheumatic fever, acute	1,738	1,865	2,854
Rubella (German measles)	20,396	12,491	16,652
Rubella congenital syndrome	23	30	30
Salmonellosis, excluding typhoid fever	27,850	22,937	22,612
Shigellosis (bacillary dysentery)	16,052	13,140	16,584
Smallpox	NN	NN	NN
Streptococcal sore throat and scarlet fever	NN	NN	NN
Syphilis, primary and secondary	20,389	23,731	25,561
Total, all stages	54,621	71,761	80,356
Tetanus	87	75	102
Trichinosis	143	115	252
Tuberculosis (newly reported active cases) ⁷	30,145	32,105	33,989
Tularemia	165	157	129
Typhoid fever	398	419	375
Typhus fever, flea-borne (endemic, murine)	75	69	41
Typhus fever, tick-borne (Rocky Mountain spotted)	1,153	937	844
Varicella (chickenpox)	108,396	183,990	154,248
Yellow fever	NN	NN	NN

⁶Not previously notifiable nationally.⁷Case data subsequent to 1974 are not comparable to prior years due to changes in

es, United States, 1968-1977

1974	1973	1972	1971	1970	1969	1968
211,390	209,951	208,232	206,256	203,805	201,365	199,399
2,743	2,235	2,199	2,752	2,668	2,915	3,005
2	2	2	5	2	4	3
3,197	4,846	4,634	5,176	6,480	3,672	4,494
28	34	22	25	12	16	7
240	202	196	183	213	235	218
945	1,165	1,414	1,320	1,416	1,104	845
—	1	—	1	—	—	—
272	228	152	215	435	241	260
1,164	1,613	1,059	1,524	1,580	1,613	1,781
218	354	243	439	370	304	502
906,121	842,621	767,215	670,288	600,072	534,872	484,543
47	62	81	89	124	154	156
10,631	8,451	9,402	9,556	8,310	5,909	4,829
40,358	50,749	54,074	59,606	56,797	48,418	45,853
8,351	—	—	—	—	—	—
118	146	130	131	129	96	123
66	57	41	62	47	89	66
394	408	756	682	612	520	486
293	237	742	2,375	3,061	3,102	2,317
22,094	26,690	32,275	75,290	47,261	25,826	22,231
1,346	1,378	1,323	2,262	2,505	2,951	2,623
59,128	69,612	74,115	124,938	104,953	90,918	152,209
2,402	1,759	3,287	3,036	4,249	3,285	4,810
8	2	1	2	13	5	3
7	8	31	21	33	20	53
7	7	29	17	31	18	53
164	33	52	32	35	57	43
3,151	3,640	4,369	4,310	3,224	3,480	3,591
—	1	2	2	3	1	1
2,431	2,580	2,614	2,793	3,227	3,229	3,470
11,917	27,804	25,507	45,086	56,552	57,696	49,371
45	35	42	68	77	31	14
21,980	23,818	22,151	21,928	22,096	18,419	16,514
22,800	22,642	20,207	16,143	13,845	11,946	12,180
Last documented case occurred in 1949						
NN	NN	NN	NN	433,405	450,008	435,013
25,385	24,825	24,429	23,783	21,982	19,138	19,019
83,771	87,469	91,149	95,987	91,382	92,162	96,271
101	101	128	116	146	182	178
120	102	89	103	109	215	77
30,122	30,998	32,882	35,217	37,137	39,120	42,623
144	171	152	167	172	149	186
437	680	398	407	346	304	395
26	32	18	23	27	36	36
754	668	523	432	380	498	298
141,495	182,927	164,114	—	—	—	—
Last indigenous case reported 1911, last imported 1924						

es in reporting criteria which became effective in 1975.

HISTORICAL TABLES - 1968-1977

TABLE 4. NOTIFIABLE DISEASES — Summary of reported cases, 1957-1966
(Figures exclude Alaska 1958 and Hawaii, 1958-1959.)

Disease	1957	1958	1959
U.S. total resident population, July 1, estimate (in thousands)	197,457	195,576	193,526
Amebiasis	3,157	2,921	2,768
Anthrax	2	5	7
Aseptic meningitis	3,082	3,058	2,329
Botulism	5	9	19
Brucellosis (undulant fever)	265	262	262
Chancroid	784	838	882
Cholera	—	—	2
Diphtheria	219	209	164
Encephalitis, acute infectious	2,538 ⁴	3,085 ⁴	2,703 ⁵
Gonorrhea	404,636	351,738	324,975
Granuloma inguinale	154	148	155
Hepatitis, infectious and serum	41,367	34,356	33,885
Leprosy	81	109	96
Leprosy, avrois	67	72	—
Lymphogranuloma venereum	371	308	878
Malaria	2,022	565	147
Molluscs (rubella)	62,705	204,136	261,904
Meningococcal infections	2,161	3,361	3,040
Pertussis (whooping cough)	9,718	7,717	6,799
Plague	3	5	8
Poliomyelitis	41	113	72
Paralytic	40	106	61
Psittacosis	41	50	60
Rabies, human ⁶	2	1	2
Rabies, animal	4,481	4,178	4,574
Rheumatic fever, acute	3,985	4,472	4,998
Rubella (German Measles) ⁷	46,898	46,975	—
Rubella, congenital syndrome ⁸	10	11	—
Salmonellosis, excluding typhoid fever	18,120	16,841	17,161
Shigellosis	13,474	11,888	11,027
Smallpox	—	—	—
Streptococcal sore throat and scarlet fever	453,351	427,752	395,168
Syphilis, primary and secondary	21,053	21,414	23,338
Total, all stages	102,581	105,159	112,842
Tetanus	263	235	300
Trichinosis	66	115	198
Tuberculosis ⁹	45,647	47,767	49,016
Tularemia	184	208	264
Typhoid fever	396	378	454
Typhus fever, flea-borne (endemic, murine)	52	33	28
Typhus fever, tick-borne (Rocky Mountain spotted)	305	268	281
Yellow fever	—	—	—

*Not previously notifiable nationally.

¹Includes Meningitis, other, for some states.

²Includes primary and post-infectious.

³Registered deaths, 1958-1961.

⁴Includes new active cases.

es, United States, 1958-1967

	1964	1963	1962	1961	1960	1959	1958
	151,141	188,483	185,771	182,992	179,979	176,513	173,320
5	3,304	2,886	3,048	2,850	3,424	3,508	4,380
6	5	3	9	14	23	12	16
7	2,177	1,844	2,654	5,162 ¹	1,593	.....	.....
8	23	47	10	14	12	20	6
9	2	411	407	409	636	751	892
10	1,247	1,220	1,344	1,438	1,680	1,537	1,595
11	—	—	—	—	—	—	—
12	293	314	444	617	918	934	918
13	3,587 ¹	1,993	2,094	2,248	2,341	2,437	2,587
14	300,666	278,289	263,714	264,158	258,933	240,254	232,386
15	135	173	207	241	296	265	314
16	37,740	42,974	53,016	72,651	41,668	23,574	16,294
17	37	103	80	63	54	44	39
18	142	89	79	71	53	53	55
19	735	566	550	787	825	684	482
20	53	56	55	73	55	61	65
21	458,083	385,156	481,530	423,919	441,703	406,162	763,094
22	2,826	2,470	2,150	2,232	2,259	2,180	2,581
23	13,005	17,135	17,749	11,468	14,809	40,005	32,148
24	—	1	—	3	2	4	—
25	122	449	910	1,312	3,190	8,425	5,787
26	106	396	762	988	2,525	6,289	3,697
27	53	76	78	102	113	147	158
28	2	1	2	3	2	7	5
29	4,780	3,929	3,732	3,599	3,567	4,177	4,767
30	7,481	7,561	7,977	10,470	9,022	8,285	8,889
31	—	—	—	—	—	—	—
32	17,144	15,390	9,680	6,542	6,929	6,606	6,363
33	22,984	13,009	12,443	12,571	12,487	12,888	11,981
34	Last documented case occurred in 1949						
35	402,334	342,161	315,809	338,410	315,173	334,715	264,097
36	22,969	22,251	21,067	19,851	18,145	9,799	7,176
37	114,325	124,137	126,245	124,658	122,538	120,824	113,884
38	289	325	322	379	368	445	445
39	198	208	194	306	160	227	176
40	50,874	54,042	53,315	53,726	55,494	57,535	63,534
41	342	327	328	365	390	459	587
42	501	566	608	814	816	859	1,043
43	30	35	32	46	68	51	71
44	277	216	240	219	204	199	243

.. Last indigenous case reported 1911; last imported, 1924

HISTORICAL TABLES — 1958-1967

TABLE 5. NOTIFIABLE DISEASES — Summary of reported cases, U.S.

Disease	1967	1956	1955	1954
U.S. total resident population, July 1, estimate (in thousands)	170,371	167,306	164,308	161,308
Amoebiasis	5,031	3,683	3,348	—
Anthrax	26	38	39	—
Botulism	28	17	16	—
Brucellosis (undulant fever)	983	1,200	1,444	—
Chancroid*	1,637	2,135	2,649	—
Cholera	—	—	—	—
Dengue	—	2	1	—
Diphtheria	1,211	1,568	1,984	—
Encephalitis, acute infectious	2,135	2,624	2,166	—
Gonorrhoea*	214,496	224,346	236,197	240,197
Granuloma inguinale*	348	357	490	—
Hepatitis, infectious*	14,922	19,234	31,961	—
Leprosy	36	52	75	—
Leptospirosis	47	44	24	—
Lymphogranuloma venereum*	448	500	762	—
Malaria	132	234	522	—
Measles	486,798	611,936	555,156	600,156
Meningococcal infections	2,691	2,735	3,455	—
Pertussis (whooping cough)	28,295	31,732	62,786	—
PLAGUE	1	1	—	—
Poliomyelitis, total	5,485	15,140	28,985	—
Paralytic	2,499	7,911	13,850	—
Psittacosis	278	568	334	—
Rabies, human [†]	5	10	4	—
Rabies, animal [†]	4,542	5,681	5,799	—
Rheumatic fever, acute	6,427	6,582	—	—
Salmonellosis, excluding typhoid fever	6,693	6,704	5,447	—
Shigellosis (bacillary dysentery)	9,822	10,306	13,912	—
Smallpox	—	—	—	—
Streptococcal sore throat and scarlet fever	226,973	176,392	147,502	150,502
Syphilis, primary and secondary*	6,576	6,392	6,484	—
Total, all stages*	123,759	130,201	122,392	121,392
Tetanus	447	468	462	—
Trichinosis	178	262	264	—
Tuberculosis**	67,149	69,895	77,368	—
Tularaemia	601	522	584	—
Typhoid fever	1,231	1,700	1,704	—
Typhus fever, flea-borne (endemic, murine)	113	98	135	—
Typhus fever, tick-borne (Rocky Mountain spotted)	240	293	295	—
Yellow fever	—	—	—	Last ind.

*Data reported for calendar year.

†Data for 1953-1957 includes serum hepatitis.

**Registered deaths.

†Data from Bureau of Animal Industry, U.S. Department of Agriculture, Agricultural Research Service.

**Includes newly reported active and inactive cases, 1948-1951; new active cases, 1952-1957.

United States, 1948-1957

1954	1953	1952	1951	1950	1949	1948
161,164	158,242	155,687	153,310	151,236	148,665	146,093
3,523	4,444	4,280	3,550	4,568	5,543	4,871
22	45	47	60	49	54	60
18	18	18	33	20	24	39
1,823	2,032	2,537	3,139	3,510	4,236	4,991
3,003	3,338	3,738	4,233	4,977	6,707	7,681
—	—	—	—	—	—	—
6	8	5	16	26	46	24
2,041	2,355	2,960	3,983	5,796	7,969	9,493
2,806	1,935	1,912	1,123	1,135	903	730
242,050	238,340	244,957	254,470	286,746	317,950	345,501
618	667	951	1,352	1,783	2,402	2,469
50,093	33,700	17,428	7,349	2,820	2,027	709
56	60	57	57	44	41	63
48	42	62	9	30	17	18
875	983	1,200	1,300	1,427	1,925	2,429
715	1,310	7,023	5,600	2,184	4,151	9,606
682,720	449,146	683,077	530,118	319,124	625,281	615,104
4,436	5,077	4,884	4,164	3,788	3,519	3,376
60,886	37,129	45,030	68,687	120,718	69,479	74,715
—	—	—	1	3	3	—
38,475	35,592	57,879	28,386	33,300	42,033	27,728
18,308	15,648	21,268	10,037	NA	NA	NA
563	169	135	25	26	35	32
13	12	24	18	18	10	24
7,297	8,903	8,445	8,008	7,901	7,587	8,495
—	—	—	—	—	—	—
5,375	3,946	2,596	1,773	1,233	1,243	882
13,846	16,533	23,197	32,215	23,367	29,080	23,753
—	—	—	—	—	48	57
147,785	132,935	113,677	84,113	64,494	87,220	91,295
7,147	8,637	10,449	14,485	23,939	41,942	88,174
130,697	146,573	167,762	174,924	217,588	256,463	314,113
—	—	—	—	—	—	—
274	106	484	508	486	576	601
277	395	367	393	327	353	487
79,775	84,304	86,700	118,491	121,742	134,866	137,006
661	601	666	702	927	1,179	1,086
2,169	2,252	2,341	2,128	2,484	2,795	2,840
163	221	205	378	685	985	1,171
294	313	327	347	464	570	547

st indigenous case reported 1911; last imported, 1924

HISTORICAL TABLES - 1948-1957

TABLE 6. NOTIFIABLE DISEASES — Summary of reported cases.

Disease	1947	1946	1945
U.S. total resident population, July 1, estimate (in thousands)	143,446	140,054	132,481
Amebiasis	3,365	4,093	3,412
Anthrax	69	40	40
Botulism	44	—	—
Brucellosis (undulant fever)	6,321	5,887	5,049
Chancroid*	9,515	7,091	5,515
Cholera	—	—	—
Dengue	35	40	106
Diphtheria	12,262	16,354	18,675
Encephalitis, acute infectious	785	728	785
Gonorrhoea*	380,666	388,020	287,181
Granuloma inguinale*	2,330	2,232	1,857
Hepatitis, infectious	1,092	—	—
Leprosy	56	43	40
Leptospirosis	14	—	—
Lymphogranuloma venereum*	2,526	2,803	2,651
Malaria	15,116	48,810	62,763
Measles	222,375	689,843	146,013
Meningococcal infections	3,420	5,693	8,208
Pertussis (whooping cough)	156,517	109,860	133,792
Plague	1	—	—
Poliomyelitis, acute	10,827	25,686	13,624
Poxvirus	27	26	27
Rabies, human ¹	26	34	43
Rabies, animal ¹	8,920	10,850	9,928
Salmonellosis	561	723	649
Shigellosis (bacillary dysentery)	17,048	24,286	34,943
Smallpox	176	337	346
Streptococcal sore throat and scarlet fever	93,595	125,511	185,570
Syphilis, primary and secondary ²	93,545	94,957	77,007
Total, all stages*	355,592	983,647	359,114
Tetanus	560	—	—
Trichinosis	451	—	—
Tuberculosis ³	134,946	119,256	114,931
Tularemia	1,401	1,355	900
Typhoid fever**	3,075	3,268	4,211
Typhus fever, flea-borne (endemic, murine)	2,050	3,385	5,193
Typhus fever, tick-borne (Rocky Mountain spotted)	596	587	472
Yellow fever	—	—	—

*Data reported for fiscal years.

¹Registered deaths.²Data from Bureau of Animal Industry, U.S. Department of Agriculture, Agriculture.³Includes newly reported active and inactive cases.

**Includes cases of paratyphoid 1938-1941.

ses, United States, 1938-1947

	1945	1944	1943	1942	1941	1940	1939	1938
481	132,885	134,245	133,920	133,121	131,954	130,880	129,825	
412	3,241	3,329	2,721	3,201	3,033	3,001	2,297	
40	49	72	94	104	76	54	52	
049	4,436	3,733	3,228	3,484	3,310	3,501	4,379	
515	7,878	8,364	5,477	3,384	NA	NA	NA	
—	—	—	—	—	—	—	—	
106	61	123	171	600	66	144	250	
675	14,150	14,811	16,260	17,987	15,536	24,053	30,508	
785	788	771	666	3,516	1,030	928	1,073	
181	300,676	275,070	212,403	193,468	175,841	182,314	198,439	
857	1,759	1,748	1,278	639	NA	NA	NA	
40	37	35	NA	NA	NA	NA	NA	
631	2,858	2,593	1,888	1,381	NA	NA	NA	
673	57,626	54,554	60,077	68,074	76,129	82,654	84,205	
013	630,291	633,627	547,413	884,134	291,162	403,317	822,811	
208	16,312	18,223	8,823	2,006	1,653	1,972	2,859	
792	109,873	191,880	191,363	222,202	183,086	183,186	227,319	
624	19,029	12,450	1	1	1	1	1	
27	6	1	23	11	NA	NA	NA	
43	56	47	36	39	41	40	98	
928	10,481	9,839	7,137	7,847	7,210	9,365	6,816	
649	712	731	504	NA	NA	NA	NA	
943	36,230	31,590	25,572	18,972	17,501	16,537	15,886	
346	397	765	965	1,386	2,795	9,877	14,939	
570	200,539	150,362	135,756	139,424	165,706	173,162	198,428	
.007	78,443	82,204	75,312	68,231	NA	NA	NA	
114	467,755	575,593	479,601	485,560	472,900	470,739	480,140	
	NA	NA	NA	NA	NA	NA	NA	
931	126,294	120,253	117,204	105,567	102,984	103,922	107,021	
900	781	966	1,024	1,530	1,620	2,291	2,086	
211	4,599	4,690	5,595	8,601	9,809	13,069	14,903	
193	5,401	4,528	3,736	2,784	1,878	2,986	2,294	
472	470	473	498	516	457	559	434	

Last indigenous case reported 1911; last imported, 1924

HISTORICAL TABLES - 1938-1947

TABLE 7. NOTIFIABLE DISEASES — Deaths from specified notifiable diseases, 1975.

Cause of Death	ICD	1985	1984	1983
Acquired Immunodeficiency Syndrome (AIDS)*	279.1	6,040	2,943	1,143
Amebiasis	006	10	10	2
Anthrax	022	—	—	—
Botulism, foodborne	005.1	4	4	—
Brucellosis	023	1	—	—
Chancroid	099.0	—	—	—
Cholera	001	1	—	—
Diphtheria	032	—	—	—
Encephalitis, acute infectious [†]	062-064.049	153	168	161
Gonococcal infections	098	2	3	—
Granuloma inguinale	099.2	—	—	—
Hepatitis, viral, infectious (Hepatitis A)	070.0-070.1	80	77	1
Hepatitis, viral, serum (Hepatitis B)	070.2-070.3	480	465	42
Hepatitis, viral, other and unsp.	070.4-070.9	372	327	34
Leprosy	030	2	6	—
Leptospirosis	100	4	—	—
Lymphogranuloma venereum	099.1	3	—	—
Malaria	084	13	7	—
Measles (rubeola)	055	4	1	—
Meningococcal infection	036	257	300	21
Mumps	072	—	1	—
Pertussis (whooping cough)	033	4	7	—
Plague	020	1	3	—
Poliomyelitis	045.0-045.9	3	—	—
Bulbar or polioencephalitis	045.0	—	—	—
With other paralysis	045.1	—	—	—
Non-paralytic	045.2	—	—	—
Unspecified	045.9	3	—	—
Pityriasis (ornithosis)	073	1	—	—
Rabies	071	—	2	—
Rheumatic fever, acute	390-392	56	70	—
Rubella (German measles)	056	1	1	—
Salmonellosis, including paratyphoid fever	002.1-002.9,003	117	90	—
Shigellosis	004	17	8	—
Syphilis	090-097	80	105	1
Tetanus	037	23	20	—
Trichinosis	124	1	—	—
Tuberculosis (all forms)	010-018	1,752	1,729	1,729
Tularemia	021	3	2	—
Typhoid fever	002.0	—	—	—
Typhus fever, flea-borne (endemic-murine)	081.0	1	—	—
Typhus fever, tick-borne (Rocky Mountain spotted)	082.0	22	34	—
Varicella (chickenpox)	052	68	53	—

*Estimated from death certificates with mention of conditions coded to Deficiency immunodeficiency virus (HIV)-related deaths and other diseases classifiable as deficiency.

[†]Arthropod-borne encephalitis and other non-arthropod-borne viral diseases of the central nervous system.

Source: National Center for Health Statistics, CDC, National Vital Statistics System, 1977-1978 and according to the Ninth Revision, ICD, for 1979-1985. Discontinuities for

Table diseases, United States, 1976-1985
 in the Ninth Revision of the International Classification of

1983	1982	1981	1980	1979	1978	1977	1976
1,141	NA	NA	NA	NA	NA	NA	NA
21	7	16	22	19	14	28	36
—	—	—	—	—	—	—	—
7	4	3	5	2	5	6	3
—	2	1	—	2	3	—	2
—	—	—	—	—	—	—	—
—	—	3	1	—	—	—	—
—	1	—	1	1	4	5	7
169	168	164	188	172	185	206	253
4	6	4	7	1	9	1	1
—	—	—	1	1	1	—	—
82	83	93	112	129	—	—	—
436	375	359	294	280	508	508	567
343	356	410	403	364	—	—	—
3	3	2	—	3	4	1	1
5	4	5	2	4	5	8	12
—	1	1	1	1	—	—	—
3	2	7	—	3	5	3	4
4	2	2	11	6	11	15	12
296	364	450	307	404	403	336	330
2	2	1	2	2	3	5	8
515	4	6	11	6	6	10	7
—	3	3	5	2	—	—	2
—	—	—	6	4	13	16	16
—	—	—	—	—	—	2	3
—	—	—	2	1	1	2	1
—	—	—	—	—	—	—	—
—	—	—	4	3	12	12	12
1	—	—	—	—	1	—	—
2	—	1	—	4	2	—	1
87	77	96	109	114	138	125	149
3	4	5	1	1	10	17	12
82	89	105	89	70	79	73	61
9	9	11	15	19	20	25	19
121	126	136	154	180	169	196	225
22	22	31	28	30	32	24	32
—	—	—	1	2	—	—	1
1,779	1,807	1,937	1,978	2,007	2,914	2,968	3,130
1	2	1	3	2	—	2	2
3	2	2	2	3	2	3	2
—	—	—	—	—	—	—	1
35	40	30	38	32	30	43	41
57	61	84	78	103	91	89	106

iciency of cell-mediated immunity (ICD-9 No. 279.1). Includes other human
 efficiency of cell-mediated immunity.
 the central nervous system.

om, 1977-1985. Deaths are classified according to the Eighth Revision, ICD, for
 some causes may result due to the introduction of the Ninth Revision.





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State and Territorial Epidemiologists and State Laboratory Directors are gratefully acknowledged for their contributions to this report. The persons listed below were in the positions shown as of September 1988.

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